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<210> 3710
<211> 3219
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(3220)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1)...(2744)
<223> similar to gi4927370 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3710
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cccagcacca cggcacggaa ggtggggcgg cctgggagga agcgcaagca ccccccggtg 180
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cgtcagcggc ccatgccgag gctcaccttc caggcggggg acccctacta catcagcaag 600
cgcaagcggg acgagtggct ggcacgctgg aaaaggagg ctgagaagaa agccaagggtc 660
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cggggcttct	cctggtggcc	aggccgcatt	gtgtcttgg	ggatgacggg	ccggagccga	960
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aatcagtaac	aaaaaatagt	aacaatacct	tgcagaggaa	aggtgggagg	agaggaaaaa	3180
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<210> 3711

<211> 3698

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3699)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1)...(3269)

<223> similar to gi806562 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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ggctcataca	caacactacc	agagacccgg	gacactgttc	acgttaagga	agtgaccaag	300
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aagcaccgca	aggaaggcag	ccatggctta	agcatgctcg	gtcgcccaga	catagaaatg	600
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aagggaaga	caccaaata	caatccaaaa	gacagccagc	tctacaaagt	catgaaagat	720
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gataatctgg	agcagcttca	cctaaaagag	gccacagaat	tacagagtat	agtgaaatac	960
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gtgcactaag	catcagtggg	ggtgaggaga	agtctgagca	ttcagaagca	ccagaccacc	2940
acctttcgac	ttacagcgac	gggggtgtct	ttgcagtctc	aacagcttac	aaacatgcaa	3000

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aaaccacaga gctcccaaaa caacgatcat cttcagttgc tacccaacag acaacggtat 3060
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<210> 3712
<211> 1022
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1016)...(57)
<223> similar to gi219430 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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caaagaatta tctaagtctt ctagcttctg gctcagctcc actttccaga ctccatctga 180
accaactttc tgtgggtagt gaggtttgaa cccttgaggg tgctgcacaa acttgaggta 240
tccgttgaag gcaaggaaaag ggaaggagga gaagaagggg gagaagcagc tctcctggca 300
gacgcttggg aaaggatatt aggccaggac ttcatggaga agcaagaaag atgaggatag 360
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aa 1022

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<210> 3713
<211> 553

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<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(537)
 <223> similar to gi3184264 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3713
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 ctcaagtgcg tgccagatgt ggaaaggggc acgctgacgc ttctcctgga ccacctgcgc 240
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 gggcctgtgc tgctgccggc acgccaggcg cccacaaggc ctgctgcccc cagctccggc 360
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 cagtcttggc cagatccccg cctgccccga caatctccag atgtcgcgcc ttacttgcca 480
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 tgaacattga aaa 553

<210> 3714
 <211> 1264
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(627)
 <223> similar to gi2695708 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3714
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 tttaacgcca tgtttgaaac tgaaatggaa gaaagcaaaa agaatcgagt ggaaataaat 180
 gatttagacc ctgaagtttt taaagaaatg atgagattca ttacacagg gagagcacca 240
 aaccttgaca aaatggctga caacttggtg gcagctgcag acaaatatgc actggaacgg 300
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 actttcactc ctccaggtcc agaaggattc taatacacia accataagca agagttgttt 720
 ctgttatatt gtccacagaa cagaagctga aaaagcatat tgcttgcatc tcaggtggat 780
 aatttatggt ttattcttca gctttaaatt agactgatta attcacttca aggccttaaa 840

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tcca						1264

<210> 3715
 <211> 1455
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)..(1456)
 <223> similar to gi5441940 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gtacatctgg	gaaaaagctt
cagtggactt	gctgttatag
ctcaaaagat	gtttacagac
atcagctacc	gatattgaat
catgaaggaa	accatcaaat
tttatatcct	gattgccaca
agaagacgaa	gtcttgagga
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agccttcacc	tctgcaggaa
taccttcact	tgaaccctgc
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tctatctctt	gtctaaaacc
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tgattggaag	cccactggcc
gattggggat	actatccgtg
acagaacata	agttttacaa
acatccccgc	tggaggattt
cagtgggccc	ggaactggaa
tccgatatgg	gaaagaatgt
gaagaaagtg	caaaagcttt
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<210> 3716
 <211> 1296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1297)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1291)...(470)
 <223> similar to gi57671 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3716

tttttttttt	ttgggaatgc	tctcaccttt	atctctctca	atatacccgt	gatacagata	60
tttcatatgt	aacaaagata	aggatgtgtg	cagggtataaa	acagaggcag	aatcatggct	120
aaaacatcta	gcccagcaat	gaactcatta	tccctgaggg	gtaaggggcg	ggggaggaga	180
ggagtcacag	gcagttcacc	cacacctggg	aaaatcgatg	acttcatgga	gaatgaatga	240
ctcgggggga	ttcagatcat	gaagtcatga	gaagaaaggc	ctttcttccc	agggatgatg	300
tttctcagta	tcaataatca	gttgtcgggt	ttttttcttc	tatttcttcc	agcagcttaa	360
ttgaagttcc	atcaattnaa	agtccatcta	ttttcaaacc	tgagtgtccc	ggaggggtgcc	420
cactggaaca	tgtcaagggt	tcaaaacagc	atcttcactc	ccactagaac	cccaagggat	480
tctgaccca	ggtccagagt	gacgaggctc	tgggttgagc	ctgagggcag	agcagaggtc	540
ttcacaactg	aacggaggga	tggaaacatc	ccacaaccac	agacatctca	agttgcacag	600
tggtttcctc	aaagcctcac	acaggaactt	cattccctta	actcctatgt	gattcagccc	660
cagatccaaa	cacaacaggc	ttgatttttc	ttggagaagc	tttgtgagat	cgcagcagcc	720
atcgctagtt	atgtcgcagt	tccaaagcac	caaggtctgc	agtttacact	cgggggtacct	780
caagccctca	cacagaaact	tacccctgtg	attcccaatg	gggttcttgg	ccaagcacag	840
gtgtgtcagc	tcccggctga	caaccaacac	agcagcaagg	tccttgcaat	tggcttctgt	900
aaggtgacag	ttttccaacg	acaacctctg	cagaaagcac	ttgggggtgtc	tcaaagttgt	960
gtacagcaac	ttagcaccct	catccagaag	ctcattgtcg	gagaggttta	cgcacgtcag	1020
ggactggttg	acttcaaggg	ccaaggagag	atcagcccac	tgctgagtgg	tagcgggaaca	1080
agacaccaac	ccgagatata	gcagggttaca	ttctggatgt	ctcaagacct	cacacaatgc	1140
gggaaacata	tcatcctggg	cattgccttg	aagggtcaga	tacgttacag	tcttgtgacc	1200
tcgaagagct	aggcagagg	tccgatgagc	atcagctggg	gaaatgtttt	tgaacaccac	1260
tctctggaga	tgacaggtgt	cagaggctat	ttgttc			1296

<210> 3717
 <211> 672
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (674)...(108)
 <223> similar to gi473969 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3717
tttttttttt ttgtggtaaa caaaagcttt attatttttt ctttcattaa aaaaatggag 60
cactgaagag aaacagagtt tggacccctg gggtcacccc aactaagca aaatagcccc 120
agataaagat ggcgcagctc acgcagaaaa tgaggttgac gtccaggagg gtcttcacca 180
aggggttttc ttccaggga actatgatgg cttctgctct ggccgggagc tcttccttgc 240
ccttctcctg tattccacag agccacagga tggccttcac cactttggac tgctttgggg 300
tcatgtcaca gctgtgggtt ttagacgtgt tttcttgaac catctcgaac tggacgctgc 360
tgctgctgct ggcctctggc atcccgttct gagagagggt aagagacaag ggagctgctg 420
gtgggtgcttg ttccttctgg accacgggggt cgtgacgagt aaaccaggtc aggtggctga 480
ccatctcctt ggagggtggc tctgtgaacc agctcacggg ggagacagt atgagggtga 540
ccgtggacag gatcatggag aagtagagggt agtgaatgct cttcaccagg accgggcgct 600
catctggctg gtcgcatcga ggctgcacgt aaataaagtc caggaccagc ctaaccaagg 660
cccaggagca gg 672

<210> 3718
<211> 908
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (886)...(574)
<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3718
cgcgcccgac ccacgcgtcc gttttaatca cacctcaatc tgttgtagtc ataagagtaa 60
ttatattgat gagaagccaa attaaaatta aaaatgtggc aaagacttcc aattctagtc 120
agttcttaat gtaattccta ctgaagaaaa cacctggaaa tacaaaaaat gtggcaaaac 180
ttgtaaccaa tgcttagcat ttttgacat gatagtattt atatgtgaga ctacttgtag 240
aaacataaaa atatacaaaa gctattgtct acttgaaatt tatagttaat aaaagcatta 300
taaagtgaat ttctgttgaa agacctttta gaaaatatag gccattaaag tgaagaatag 360
tcttaagaca gagaatacaa agataaagag ggctctagta cctgtacttg tatcccagaa 420
cttactatat gcattttgta ctagaggaaa actctgaagc agttgcttaa actttgttca 480
acatcagaga atttatattg gagagaaatc ctacaaatgt aataaatgtg gaaaaacctc 540
tgttcagaaa ctgcagggtta agaaaccaga ggccaggcgc ggtggctcac gcctgtaatc 600
ccaacacttt gggaggccaa ggagggtgga tcacctgagg tcgggagttc aaggacagcc 660
tgaccaatat ggagaaacct cgtctgtact aaaaatacaa aaattagcag gacatgggtg 720
tgcatggctg taatcccagc tactcaggag gctgagacag gagaatggct tgaaccagg 780
aggtggagggt tgcggtgagc tgagatcgtg ccattgcact ccagcctggg taacaagagt 840
gaaactctgt ctcaaaacaa gataaaaaga aaagaaacac cagagaattt ttactagaat 900
ataatttg 908

<210> 3719
 <211> 1091
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1092)...(897)
 <223> similar to gi206810 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3719
 tttttttttt ttgcaagtta taaaatgttt attgatatac attttgtctt ttataaaaact 60
 tccgttggcc acattgggcc actgtgcacc acagtgccag tccccagggtg gccaggggcgg 120
 agccagtgtc cacttttcggg tgggggctgg agccaagagg ctgtccagga gctgcccagt 180
 gggtcctcat ggccctgcggg atacctcaag tgctcccggg ggcagcctag gactggctcg 240
 tcccggagtc agaaaaggca ggtcaactac ccaaggcggc caaaggccct tcctgtctcc 300
 agagccttga cataaccaga aatcccccca tcaaagtcac caaatgactc gacgggggga 360
 agggagggtt tttgcagaaa gacttagcta caaggcatgt gaaccagaac tttcttccag 420
 acaccatttc cttcacattt gctcaactgat aatgccttaa gaggatcgaa tctctggaac 480
 agccctgaat ggcaggggatg aggctgctgg cctgggtgctg gctgggacac agtcaaggag 540
 ggctgaccca agaggcagag gtggctaggc tgggtgttga cctcctctct tttaccaacc 600
 agcctagggc aaggaggggc cccaccacct gggggcaact tctgtacaag aggtctctag 660
 gggagcagaa tgggtggggg agccgggcag gggccacagg gtctgtttgc tgggtggctgc 720
 ccagtctccc agccaccct ggagtcccca gccaggggag aaggaggccc gaggagagga 780
 aacagatctt tcttctcctg tatggactca gaagcagggtg ccatttctctg tcccaaggcg 840
 aagggtcttg gaggcgcgtt cctgcccctg cctcctccag gcgctggagt ctgaggaggc 900
 gttccccggg ggacactgca tctccatggt gactgtgttg ggcgtgctgc ccccgccctc 960
 cccagctca gcgcgctccc gcaaggcccg ctgggaagac accctgagcc gctcccaaca 1020
 gccgttgggc tttgtccctt ccggggccaga aggtaaccgt tggggctggc gctgggttgt 1080
 gtgcagatgc a 1091

<210> 3720
 <211> 2001
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(2002)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (376)...(947)
 <223> similar to gi5545343 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 3720
cagcgtggcg gaattcctgg aaagttccag gaagactctg ggtctgtgga ctgggctctg 60
gggccattht gggaattht ccaggctgat tttggctgta tgcgatttht tctttctgca 120
cagacatcag accctgtcct caggatgtga tggggccccct ccccatctc ccatcctacc 180
agcctgtgtc caggtggggg tggggcaggg cagacaacag ggtccctgtg tctcgggcag 240
caatgctgcc ccctttcctg cccaacatc ccagcagac acaagagatg gagactatga 300
gctgctctcg tggctgggtc tcgggggtcc tgcaccctca ggagctgacg ctgacgcact 360
ccactgcctg tcaccaggaa cctacctgc gccatcttca tctccatccc actggtgacc 420
ttcgtgtaca cgttcaccaa cattgcctac ttcacggcca tgtcccccca ggagctgctc 480
tcctccaatg cgggggctgt gacctcggg gagaagctgc tgggctactt ttcttgggtc 540
atgcctgtct ccgtggctct gtcaaccttc ggaggatca atggttacct gttcacctac 600
tccaggctgt gcttctctgg agcccgcgag gggcacctgc ccagcctgct ggcatgac 660
cacgtcagac actgcacccc catccccgcc ctctcgtct gtgcccatac aggtgaacct 720
tctcatcccc gtggcgtaet tggctctctg ggccttctg ctggtcttca gcttcatctc 780
agagcatatg gtctgtgggg tcggcgctcat catcatcctt acgggggtgc ccattttctt 840
tctgggagtg ttctggagaa gcaaaccaaa gtgtgtgcac agactcacag agtccatgac 900
acactggggc caggagctgt gtttcgtggt ctacccccag gacgcccccg aagaggagga 960
gaatggcccc tgccaccct cctgctgcc tgccacagac aagccctcga agccacaatg 1020
agatthttgt agagactgaa gcagttgttt ctgtttacat gttgtttatt gaggaggtgt 1080
tttggcaaaa aagthttgtt ttgtthtttt ctggaaaaaa aagaaaaaag atacgactct 1140
cagaagcctg thtttaaggaa gccctaaaaat gtggactggg thtctgtct tagcactgcc 1200
ctgctagctc thtctgaaaa ggcctataaa taaacagggc tggctgttcg ctctgtctat 1260
ggggagtccc tgatgggcac agacgggagt ggctggggcg tacctcgggt ggtgcacaca 1320
tgttgctggc caggaagatg ccgtggcagg ccctggagga ggctcttgac attagggggc 1380
tttgctgctt gacacaggcg ctccctacca tggcacccag agtccccctg ccctaaaggg 1440
atgtcgagga tggggtagca gctcagtcgg cccctacccc agggccctcg atgccagtct 1500
gagctcggcc acccaggaga gctcaggggc tccaggctgg gattgtcttt ctcccgtaa 1560
atcaccacag agtgaaggte aggaattcag agcccacagt ctacccctgg cttacagggtg 1620
gggaaaccga ggccctgaga taggatggaa cagacgtggc cactgctgtt ggtgcctcgg 1680
cctctctgtc ccagaaaagc acagagcagc atgtcctggg ggctttgagg cctgcaggga 1740
actccagggg cttcatgtac agcaggcaca caccacagcc cttccacggt gccaggaga 1800
ttggaccttc agggagggca aagggcgcct gcctggccag gggcatgagg gtttggcagg 1860
agccacccaa cccaggctct ccagaggcct tgctggacag gaagagggtg aggcgtgagc 1920
aaaatagtca ccacggatga gaccagcgt cccgaattcc tccacatgga ctagtgatgt 1980
cgaacaaann nnttgtct a 2001

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<210> 3721
<211> 731
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(732)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (38)...(399)
<223> similar to gi2258274 in the genepept database release 114,

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Run with FASTXY 3.3t00, default parameters

<400> 3721
gccgatgcgc aatccccggtt cgagccacgc gtccggtgga gacgcgctgt cccagaagag 60
gtctgataag ccgccctttg ctccatctgc agggctgaac ctgaggctgg tgaggagcag 120
gcaggtgacg acagggacag tggcggcccc gtcctccagt ttgactacga ggcagttgct 180
aacagactgt ttgaaatggc cagccgccag agcaccctt ctcagaacag aaagcgtctc 240
tacagagtga tccggaagct gcaggacctg gcaggaggca ttttccctga agatgagatc 300
ccagagaagg cctgcaggcg cctgcttgaa gggaggcggc agaagaagac gaagaagcag 360
aagcgtctgc tcaggttgca gcaggagaga ggtaggacta gggggtgtgt tagtcatgga 420
gccggcgtcc tcacctgctt gcttctcccc tggatggggg tcacctgcag tgtctcccc 480
tgaagcatga gtgccgagtc ccccatcctg ggtgcctgct atccacgcat cccggaatg 540
ccctgtcctc ggcatccctc ctgtaggcct ctccctgcct ccccccacca ccttccttgt 600
ctgcagctcc cccgagctgt gtgcgctgcc ctccctcccg gtctggagac atcctcctgg 660
ctgggctgcc tccttccgtg cctccgacga aatcgtcgac ccgagaaatt ccggagcggg 720
nnnaagagg c 731

<210> 3722
<211> 1118
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1120)...(191)
<223> similar to gi2276308 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3722
attctatccc ggtccacagt ttaggaacca tggacaaaag tccaaggacc agaggcatgg 60
agttttcatt agaaggttct gaattcatct aatggctggt tatttttaca gatgccagt 120
ttacaaaaca tacaagtgca cagacagggtg tgggaggtag ctcgaaacat acagagtgtt 180
cgcaacacta gagacgtctt ctggctgccca tcaggggact cggaggtagg gtaggcttgg 240
tgaggcccgt ggcttgtgtc cgtggcacag cctcctgcaa aggggctgcc ctgctcccc 300
gttcccatgg tgccaggccg tgctccccag gtgcctccgg ggtgctgaag atcttttcat 360
agtactcgat cagcagttca gtgaacatgt tcaggggcac aagggcactc agggaggaga 420
ccccctggga tggccagatc aaattcagcc cgaagacaca ggccaggtta gagctgttca 480
ttttgttgaa gatgctctcc cgggacacgg catgcaggaa gcccatgagg tagcggagga 540
cgacgtagtt gtgctctggg aggctccgta agatctggcg gcagccagtg acacgcaggc 600
tgctctccac acaggtgatc ccaagaatct gctcgtaggc ctggaaggtc agaagcggct 660
ggggcagctc tcgcagggaag gtcttcagga tcacggcagg gatgtgaatg tccccgtagt 720
cgtcaaagtt cacgggcttc cccttggttg tagagcctct ggatctcgcg gacggtctgc 780
acgctggcgg atctccggaa caggccctcg gtgcgcaggc actattgcag actgacgcca 840
aactgctgtg tgggcagcgg gggccgcggc ggtggtgtct tgggtggagg cggcgtccgg 900
ccctcgtgca ggctctggag cttctcatcg tccgaaaac ttcgggaggg atgaccagct 960
ggtcgtattt aagggtgttcg tggagctcac tcaggtagtt gaaatagatg actttcttcc 1020
caaacttggt ctgatgaggg gcttcaagat gttccacagg accttgatga agctggtggg 1080

gtgcaccacg tagagggcct tcaagttctt cttgtacc

1118

<210> 3723

<211> 897

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (38)...(427)

<223> similar to gi2342647 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3723

gcgtacctct	gcccttttgc	gccctgtttc	tcctcctccc	cacaggccgc	aacaccctgg	60
cccagcctcc	cattccctgc	tggacgccct	ctccccaggc	cgcacagggc	tggttcctcc	120
gaggcacctg	gcttccagtg	atggacctct	ggccctgccc	caacctgcgc	acttggggcc	180
tgacaggcgt	tccccgattc	atccctccag	gaacaagaaa	accaaact	gcatttcctg	240
caataagtgt	gtgtccggct	tcgaccacca	ctgcaaattg	atcaacaact	gcgtgggaag	300
ccggaattat	tggttcttct	tcagcactgt	ggcctcagcc	acagctggca	tgctctgcct	360
gacgccatc	ctgctgtatg	tcctcatcca	gtacctcgtg	aaccccgggg	tgctccgcac	420
ggaccccagg	tatgaagcag	cgccaggacc	ctgaccagga	ggacctgggc	cagagaagcc	480
cctcgggggtg	caggacaaga	ctgccagtct	cagccccagg	catggctgca	cccgcactgc	540
acacggccccg	ggtggcgaga	cagggaggac	ttgcctggcc	ttgttccaga	acattccgga	600
gccaacacgg	tgtgacattt	ttttcaagga	tgagctttgc	cagctccacg	tggaagtccc	660
taaaactcct	ccttccactt	cgaagcgtga	ctgatgcctc	cagggcctca	cagccgcttc	720
tgaagcactt	cctgaaagcc	agctccaccc	tggcgaggcc	ctgacctcag	cggacccaag	780
cccaggacga	tgctgtttgc	gttctttctc	ccctgtagca	agtcaccttc	cccagcagcc	840
tccatgttgt	ctgggctctc	cctgtggggg	atgccagggg	agagtgagag	agcacag	897

<210> 3724

<211> 1093

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (874)...(110)

<223> similar to gi5689523 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3724

gccccgcgtg	ctgcggttcc	agcgggtcct	gtgcggggccg	cccagccggg	aggggggtccc	60
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gggaggggtc ggctctcctg gtgctgatga tggcagagcc ttacagggac ttccccgctg 120
agcaaggtcc ccaggcagca ggggtggttag cggcgtgggg ctgcctatca ccctgctgtc 180
gtcggcgctg ggcgggcccc acaggctgct ggagtagctg gggcaccgag cccacagca 240
gctcactgct ccccttgcca cccaggcacg gggcggtcca gtggccagcg tcgctgcgta 300
ccaggccatg ggagctgccc gctgcgctga gccgcggctg gctggacgag ctgctggact 360
gccagctgga agtgggtggc agcgcttggc cttgggctaa gaagcgattc acttcttctt 420
caccagcgaa ctcggccagg atggtagtgt ttcccaggac gcacatgtgc agagacttct 480
ggggccttgg cagcctcctc cttggagctg taccggacca cagcattgcc ttgagtcaga 540
ttcaggtgga atgtgataag aggcccatgt tgcaaacaca atgtccgcag tgtagaacca 600
tcaatctggg gagtgaaggt tcgaagaacg agccagctgc tggttcttcc tgaggtgtcg 660
gtgctccagg cagaacccga ggagtaggag ctggtccagc cgagggggct ggcacccag 720
gtggaggagg gcttgggatt ggtaaccct ggaggtggcc tcgtgggtgc agtactgttt 780
ctgggcacct tccatagtgc atgagacaga gaggcttgcg tgtgggaggt agggccagag 840
gaccacgtcg atttgatgtc tgacagttaa cctagaaagg cagagagatg gagcatatgc 900
agtcttgaga caaagaagaa aactcactgc tgtgtttggg gagccacaca gagtgtcttc 960
taacaccagc agactgtgtg ataggcaaag aaacaccaag tcaagcccct ggcaaactca 1020
agtaaccaca aattccaga agtggtttgc ctctaagttt tcaaacctt gcagagcccc 1080
tgtcttgacg aaa 1093

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<210> 3725
<211> 7150
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(7151)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(5079)
<223> similar to gi533095 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3725
gaattccaga gggccccgcc tttcggcaga acacacctct tcttttgtgc cttctctgca 60
tatcaccaca ctgggtcaag agcaagccat cctttctggg gcggttcccg catcaccatc 120
aactgggaca gccgactttc cctccatact tactttctc cagcccacag agaatcatgc 180
ctccccatct cctgtgccag aaatgccac tcttcagca gagggcagtg atgggtcccc 240
tcttgcaact agagacttgc tctctcaag caaagttcct aatcttcttt ccacatcttg 300
gacatttccc cggtggaaaa aggacagtgt gacagccatt ttagggaaga atgaagaggc 360
aaatgtgacg attcctctcc aggcctttcc aaggaaagag gttttgagtc ttcacactgt 420
aaatggattt gtctctgatt tcagcaccgg tagtgtctca tctcccatca ttacagcacc 480
aaggacgaat ccccttctt caggaccacc tctaccttcc atactctcca tacaagccac 540
ccagactgtt ttcccatctc tcttggttt ttccagcacc aagccagagg tttatgcagc 600
tgctgtggac cattctgggt tgccagcttc agctccaaa cagggtgagag catcgccctc 660
ctccatggat gtatatgatt ccttaacaat aggagacatg aaaaagccag caaccacaga 720
tgttttctgg agttctctt cagcagaaac tggatctctt tccacagaat caataatatc 780
tggtctgcag cagcaaacaa attatgattt aaatggacac acaattagca ccacaagttg 840

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ggaaactcat	ttagctccaa	cagctcctcc	caatgggtta	acttcagctg	ccgatgccat	900
aaaatctcag	gatttcaaag	atactgctgg	gcattcagtg	actgcagaag	ggtttagtat	960
tcaggatcta	gtcctcggta	caagcattga	gcagcctgtg	caacagtcag	acatgaccat	1020
ggttggaagc	catatagacc	tctggcccac	aagcaataac	aaccattcca	gagacttcca	1080
aacagctgaa	gttgcataatt	actcaccac	aactcgacat	tccgtgtctc	atcctcagct	1140
acagttgccc	aaccagccag	cacatcctct	tttgctaacc	tcaccaggac	caacttctac	1200
aggtagcttg	caggaaatgc	tttcagatgg	aacagataca	ggttctgaaa	tttccagtga	1260
catcaattca	tcacctgaga	gaaatgcttc	cacaccattc	cagaacatct	tgggatatca	1320
ctctgctgct	gaatcttcta	tatcgaccag	tgtctttccc	aggacctcct	ccagagtgtc	1380
gcgggcttct	cagcacccca	agaaatggac	agcggacaca	gtatcatcta	aggtacagcc	1440
aacagcagca	gctgccgtca	cattgtttct	gaggaaatca	agtccacctg	cactgtctgc	1500
agccctgggt	gctaagggca	ccagcagcag	ccctttggcc	gtggcctcag	gaccagctaa	1560
gagcagttcg	atgactactc	ttgctaataa	tgtcacaac	aaggccgcat	ctggcccaa	1620
gaggacacca	ggggcagtc	atacagcctt	ccatttcaca	ccaacctaca	tgtatgcaag	1680
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tgtgaccatg	atgttgcaag	ttgccctccc	tggcatgggt	agttggcttc	cagagctgtg	6300
ggtagaggac	atcgctcac	ggcactgagg	caccagccgc	tgccctacca	tcaatgcaag	6360
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tccacatagg	gcattcaatg	cacttgaatg	aaccaaagga	gccaaagaaa	ctcagcctgt	7080
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attaatatatt						7150

<210> 3726
 <211> 1652
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(1203)

<223> similar to gill109880 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3726

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ggccctttta	aaggaaccaa	ttttaacgcc	cgggggttgg	gaaggaaaaa	tttttttaag	1560
ggggcccaaa	aattaaattc	cggggccggg	gtttaaaaac	ggggggaggg	gaaaaacccg	1620
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<210> 3727

<211> 1790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(806)

<223> similar to gi5870832 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3727
agtgaatcc atgttttata cttcagatga gaattgagct ccggggcccta ggcaagatct    60
cagaaggaga ggagctgact gtgtcctata ttgacttcct caacgttagt gaagaacgca    120
agaggcagct gaagaagcag tactactttg actgcacatg tgaacactgc cagaaaaaac    180
tgaaggatga cctcttcctg ggggtgaaag acaaccccaa gccctctcag gaagtgggtga    240
aggagatgat acaattctcc aaggatacat tggaaaagat agacaaggct cgttccgagg    300
gtttgtatca tgaggttggt aaattatgcc gggagtgcct ggagaagcag gagccagtgt    360
ttgctgacac caacatctac atgctgcgga tgctgagcat tgtttcggag gtcctttcct    420
acctccagga ctttgaggag gcctcgttct atgccaggag gatggtggac ggctatatga    480
agctctacca cccaacaat gccaactgg gcatggcgt gatgcgggca gggctgacca    540
actggcacgc tggtaacatt gaggtggggc acgggatgat ctgcaaagcc tatgccattc    600
tcctgggtgac acacggaccc tcccacccca tcactaaggga cttaaaggcc atgcgggtgc    660
agacggagat ggagctacgc atgttccgcc agaacgaatt catgtactac aagatgcgcg    720
aggctgccct gaacaaccag cccatgcagg tcatggccga gccagcaat gagccatccc    780
cagctctgtt ccacaagaag caatgaggac tgcccagtgg aggaggggag atgtggctgg    840
ggagctaggg agagactctg gaggtggtgg gtctctgggg agaccctaa tgaggaagtt    900
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cctacaaata ttattggatg ataggcccta gaacccaata aaggagctcc aaatgtcggt   1080
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gcagtggggg tatcacagag agtatgacat ctgagttgag ggtagcaggt gcctggagtc   1260
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aatggtgcat atgtcgaaag agctggctgg gggccttgcc caaaccaact gaggtcttaa   1500
agtccgggga aaaaaagtcg ggggtccaac tagaattcta gaaatatttc tagaacacac   1560
agagagggaa taagtccctc tataccctt attaccaagc cttgtggttc cctgtgattt   1620
tagataatgt ctgatatttt tctggctatt tcctagttag gatttaaaaa atattttcaa   1680
agtgaagctg agagagaatc ttggaaacac acatacctgt tgatcatggg cctgcagaa   1740
ttggcccttg ggggctttat ttggttacgt gtgcctgggt ggtctttacc   1790

```

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<210> 3728
<211> 1447
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1449)
<223> similar to gi6016005 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3728
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tccgcctccg ccgcccgcgc ctccgcgcgc gcctcggccg cctgcgcctc gccagccgcc    120
actgccgcct cgggcgcgcgc cgcctcctca gcctcggccg ccgcccctc agccgcgcgc    180
gcccccaata atggccagaa taaaagtttg gcggcggcgg cgccaatgg caacagcagc    240

```

```

agcaactcct gggaggaagg cagctcgggc tcgtccagcg acgaggagca cgggtggcgggt 300
ggcatgaggg tcggacccca gtaccaggcg gtgggtgccg acttcgaccc cgccaaactg 360
gcaagacgca gtcaagaacg ggacaatctt ggcatgttgg tctggtcacc caatcaaaat 420
ctgtcagaag caaagttgga tgaatacatt gccattgcc aagaaaagca tgggtacaac 480
atggaacagg ctcttgggat gctcttctgg cataaacata atatcgaaaa gtcattggct 540
gatttgccca actttacccc tttcccagat gagtggactg tggaaagataa agtcttattt 600
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taaactctata gcaagtctgg tgaaatttta ctattcttgg aagaagacga ggactaaaac 720
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agaaaaactt gatggtggaa tagaaccata tcgacttcca gaggtcattc agaaatgtaa 1140
tgcacgttgg actacagaag agcagcttct cgccgtacaa gccatcagga aatatggccg 1200
agattttcag gcaatctcag acgtgattgg gaacaaatca gtggtacaag tgaaaaactt 1260
ttttgtaaat tatcgacgcc gcttcaacat agatgaagtt ttacaagaat gggaggcaga 1320
acatggtaaa gaagagacca atgggcccag taaccagaag cctgtgaagt ccccagataa 1380
ttccattaag atgcccgaag aggaagacga ggctcctgtt ctggatgtca gatatgcata 1440
tgcctcc 1447

```

<210> 3729

<211> 897

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (900)...(388)

<223> similar to gi5640017 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3729

```

tttccaggag aaactgccag cattgccc aaagacttggct ttgatgtagg agccaagttc 60
ttttactcat tgatttgggtc acttactctg aataaactca ggtttctgga ttgcttacca 120
aataaagtgc tttggcccac tacctgaata aaggcaaac tgcaattgag tggagccctg 180
atcttttgat ggagagctga gcgtccatat acagcatgtg aaatagtggc tgtttattga 240
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aagcctttag catttctcag atcctcacc accgttctctg agtcggcatg tccgggactc 360
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ggcagagctg caccggaagg ccttcccaca ctogctgcat tcgtagggtt tcacgcctgt 480
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tacactcata aggtttttct ccggtgtgga ttatatgatg ccgaatgagg gctgagctct 600
cactgaagaa tttcccacat tcattacatt tatatggctt ctccccgggtg tgggtctttt 660
ggtggattat gagattggta ctctggctga aggccttccc aactcgtctg cactttaggt 720
gtttctcccc agtgtgagtc ctctgatggt ttgtgagggt tgcactctgg ctgaaggcct 780
tcccacacgc ggcacatctg tagggcttct ccccggtgtg aatcctctgg tgctgaatga 840
acgctgcgca gtaactgaag gccttcccac actcgtctgca cttgtagggtc ttctccc 897

```


<210> 3730
 <211> 3788
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (7)...(2384)
 <223> similar to gi3043558 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3730
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 ccccatgtc agtgggtctag gatggccagt gaaggcacca acatcccaag tcctgtgggtg 180
 cgccagattg acaagcagtt tctgatttgc agtatatgcc tggaacggta caagaatccc 240
 aaggtttctc cctgtctgca cactttctgc gagaggtgcc tgcagaacta cattcctgcc 300
 cacagtttaa ccctctcctg cccagtgtgc cgccagacct ccatcctgcc cgagaaaggg 360
 gtggccgcgc tccagaacaa tttcttcac acaaacctga tggacgtgct gcagcgaact 420
 ccaggcagca acgctgagga gtcttccatc ctggagacag tcaactgctgt ggctgcggga 480
 aagccttctc tcttgcccaa accacgatgg gaatgtgatg gaattttact gccagtcctg 540
 tgagactgcc atgtgtcggg agtgcacgga gggggagcac gcagagcacc ccacagttcc 600
 actcaaggat gtggtggaac agcacaaggc ctgcgtccag gtccagctgg atgctgtcaa 660
 caaaaggctc ccagaaatag attctgctct tcagttcatc tctgaaatca ttcacagtt 720
 aaccaacca aaggccagca tcgtggatga cattcattcc accttgatg agctccagaa 780
 gcctttaaat gtgcgcaaga gtgtgctgct tatggaattg gaggtcaact atggcctcaa 840
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 gctgcagcaa cttcacagcg caggccctca accatggcac ggagaccgag gtcctactgg 960
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 cgcgggagaa cgaccagctg gatttcatcg tggaaaccga ggggctgaag aagtccatcc 1080
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 aggggctgcg gcagaccatc atcgggcagc ccatgtccgt caccatcacc accaaggaca 1200
 aagacggtga gctgtgcaaa accggcaacg cctacctcac cgccgaactg agcaccctcg 1260
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 aactgtcca gaaggaagg gactttaccc tgtctctgag actctatgac cagcacatcc 1380
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 tttccaatga tggccagttc aaaagtcggt ttggcatcag gggacgctct ccggggcagc 1740
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 ataataaatg ggtcagcatt ttctcctccg atgggaaatt taagacaaaa attggatcag 1860
 gaaagctgat gggacccaaa ggagtttctg tggaccgcaa tgggcacatt attgttgtgg 1920
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 gagaattcat gttgaagttt ggctcaaatg gagaaggaaa tgggcagttt aatgctccaa 2160
 caggtgtagc agtggattca aatggaaaca tcattgtggc ccgactgggg aaacagcagg 2220
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<210> 3732
 <211> 3438
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (821)...(1863)
 <223> similar to gi2565065 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3732

gcgcgggagt	tcccgaatga	cgatctatgg	tcgcttcgcc	attcgcgcta	agccatagtg	60
gaagatgtca	ggcttcagaa	cctctagtaa	agcagtatta	acggccatta	caccttcagc	120
agcaatgcct	tcctcggcca	tggcgggtgg	atacggatga	agctgaatct	tgaacgcacc	180
caagcctccg	cctccgcgcg	actcgggtga	ggcgggtggc	gccaaagcgg	atacgggagg	240
cgggagctgg	ggaacaggca	tggacgtttc	cgggcaagag	accgactggc	ggagcaccgc	300
cttccggcag	aagctgggtc	gtcaaataca	ggatgccatg	aggaaagctg	gtgtggcaca	360
cagtaaatac	agcaaggata	tggagagcca	tgttttcctg	aaggccaaga	cccgggacga	420
atacctttct	ctcgtggcca	ggctcattat	ccattttcga	gacattcata	acaagaaatc	480
tcaagcttcc	gtcagtgatc	ctatgaatgc	actccagagc	ctgactggcg	gacctgctgc	540
gggagccgct	ggaattggca	tgcctcctcg	gggcccggga	cagtctctgg	gcgggatggg	600
tagccttggt	gccatgggac	agccaatgtc	tctctcaggg	cagccgcctc	ctgggacctc	660
ggggatggcc	cctcacagca	tggctgtcgt	gtctacggca	actccacaga	cccagctgca	720
gctccagcag	gtggccgctg	cagcagcagc	agcaacagca	cgcagttcca	gcagcagcag	780
caggcggcgc	tacagcagca	gcagcagcag	cagcaacagc	aagcagttcc	aggctcagca	840
gagtgccatg	cagcaagcag	ttccaagcaa	gtagtgcagc	agcagcagca	gcttccagca	900
gcagcagcag	cagcagcagc	atctaattaa	attgcatcat	caaaatcagc	aacagataca	960
gcagcagcaa	cagcagctgc	agcgaatagc	acagctgcag	ctccaacaac	agcaacagca	1020
gcagcagcag	cagcagcagc	agcagcagca	ggctttgcag	gccagccac	caattcagca	1080
gccaccgatg	cagcagccac	agcctccgcc	ctcccaggct	ctgccccagc	agctgcagca	1140
gatgcatac	acacagcacc	accagccgcc	accacagccc	cagcagcctc	cagttgctca	1200
gaaccaacca	tcacaactcc	cgcacagtc	gcagacccag	cctttggtgt	cacaggcgca	1260
agctctccct	ggacaaatgt	tgtataccca	accaccactg	aaatttgtcc	gagctccgat	1320
ggtggtgcag	cagccccccag	tgcagcccca	ggtgcagcag	cagcagacag	cagtacagac	1380
agctcaggct	gccagatgg	tggctcccg	agtccaggct	agccagagca	gcctccccat	1440
gctgtcctcg	ccgtcacccg	gccagcaggt	gcagacccc	cagtcgatgc	cccccccc	1500
ccagccgtcc	ccgcagccc	gccagcccag	ctcacagccc	aactccaacg	tcagctctgg	1560
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ccaaacagca	gtacctatgc	cagccgctcc	tggatgcggt	cctggccaac	atccgctcac	2040
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cacccatcac	ggccccagtg	gtgtgcaccc	ggaagcgcag	gcttgaggat	gatgagcggc	2160
agagcatccc	cagtgtgtc	caggggtgagg	tggccaggct	ggaccccaag	ttcctggtaa	2220
acctggaccc	ttctcactgc	agcaacaatg	gcactgtcca	cctgatctgc	aagctggatg	2280

acaaggacct	ccaagtgtg	ccaccactgg	agctcagtgt	gcccgtgac	tatcctgccc	2340
aaagcccgt	gtggatagac	cggcagtggc	agtacgacgc	caaccccttc	ctccagtcgg	2400
tgcaccgctg	catgacctcc	aggctgctgc	agctcccgga	caagcactcg	gtcaccgcct	2460
tgctcaacac	ctgggcccag	agcgtccacc	aggcctgcct	ctcagccgcc	tagccaagac	2520
tgcagggatg	gcccgcagcc	tcatcggggc	caaggacaca	cgcctcctgt	cagacacttc	2580
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caccctact	cgttcctata	gaacacagag	gacataggaa	acccttaaaa	cacacatggg	2940
attctctgtg	cacagttttg	ggttcaggct	atgctgcttt	gggcagggtg	agcaccctccc	3000
gaggaaagcct	gcaagtccag	ggcacaggct	gccttttgga	gggagggctg	gcccataggt	3060
gctgctggct	ccccgccacc	agctgggcct	cagccctcac	ggcattcctg	ctgagcaccg	3120
tggggcacc	agggagcagg	ggcgtcaggg	atcctgctgc	cggcaccctc	gtgccgctgg	3180
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cagagcacca	cacactgagc	accagagac	agcgggcctg	gcagcggggc	gggccatgca	3300
gggagcgcct	ccctatgttg	cctgccactc	tgggcaccgg	ccagcaccct	ctggtgagaa	3360
gaggtccccc	ctttttatgt	gcactacccc	accatctgtg	attataataa	atttattatt	3420
cctgtgttaa	aaaaaaaa					3438

<210> 3733

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (784)...(392)

<223> similar to gi3876099 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3733

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aaatatattat	tattgggttaa	tataccagtg	gaaaatctct	gacctaaaac	aaatttttga	120
gccactggaa	aagtgaactt	tctcacagaa	atattttaatg	ttgtcaaaaag	aatactctgt	180
tttaacaata	actccattaa	tttattactt	taaaagatgc	acagtgtctgc	ttttacacat	240
taaaattttca	gtgacatcaa	caacataact	atatgttaat	atthttgaact	aacattttcaa	300
atgtagactg	accacatggt	tgattttaaag	cttaaagaat	caatgttccc	ttttgtgaag	360
atggcttttg	ttgtcattag	attctactga	tttttttagga	atagagctgc	tccacactga	420
atccactggg	cttgggtgcc	cccacatgga	acatcaatat	tggttaaccac	acgatccctt	480
tcagcacttg	tgtaaacagg	caaagagatg	cactcatccg	gagaatatgg	accacatgca	540
tcctgtggaa	tccagcccat	aaaacaaggg	agcactgatg	acacgctggg	agaatcaagc	600
tgatttttcag	aaagtgtgatt	tccatcaaaa	ctacatcctt	ctagtaacaa	gccactgatc	660
ttaatthtga	gctttgcttc	ttgcagtcga	cccttccatg	aggctacaaa	ttttaggcta	720
tccacagaac	gaccacattg	cccttgcagt	tttcttgcga	agagcattta	agaaatgtgt	780
tgg						783

<210> 3734
 <211> 1274
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1194)...(234)
 <223> similar to gi4753887 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3734
 tttttttttt ttactacaaa ctgtttaatt gttttcttatt ccaataactt tacaaatata 60
 gaaccacatg ctagtctggg ggtgctgtgc agtgagtcac tacaaactcg ctcaggcaca 120
 gcttaatgcc gctgagatcc atctaggagc agtcccagcg gtggcctcag ccacgtgagg 180
 aagagggtct tggaggaggg ctgccaaagt tggccagggg acccggcctc aggtctgtgg 240
 aggtgcttca acagcacgat gctcattctc tgtccgtagt gtctccatat actttctcat 300
 cttctccacc atccaggagg gtaggacaaa ggatttcaat tcctctagct tcagatccag 360
 gcatcctctg taatcatcac tggccgcaag gtcccggatg tcctcctcga tgaggaggta 420
 ggccatcttg cccctgtgtg cccgcatgtg atgctgctca gccagccagt gcttatcctg 480
 ggggtcagct gcatacttaa agagggtgtg gtgcttgatg tagattcttc ctctggtgcc 540
 ccccatcccc agggctttgt tggctcgaga tcccaacaca aagggtgtag attcattcag 600
 gcgagctggg tcccacttgg ggccttcccg gcgaattggt tcacaggatt ttggtttcca 660
 taccatgccg gcggctgccc ggtcgcttga caggatgtgt ccaggaggcc gtcctttcct 720
 ctttttagga agggggcttc ctcgatgggc acattcttct tctgcctgac ggccacgctt 780
 tattcctgga agctcatggg tcaatctggg tattactttt tctccatctg aaaagagcag 840
 tttagcctgc tccaggcagc tccgacaggc ttcttgatc agctgctctg cgtccacctc 900
 ctccccaaac ttgtctcgca cgttcagtgc tgccttcttg aagaacttca tgtacttggt 960
 gaagacagtc tggatctcct cgttgatgct gggctgcagg acagctcgga ggagatccat 1020
 ggagatggca ggatctgtga aacttggtgt catctgtgag cggcggeccc tccgctgcac 1080
 ctgccggtgc tttatcatta tgttccaagg gttcgtaaga accagctgcc ccgctgcgcc 1140
 cgcaccccc agctccaagc cgccctctc ggccccgctg ggtccccgcg gctgctcggc 1200
 gtcgccagt gctcccatgg cgctccggc cccacaact ccgctggact ctgtccggac 1260
 gcgtgggtcg agcg 1274

<210> 3735
 <211> 2748
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (183)...(442)
 <223> similar to gi625042 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 3735
tgaagtcttg ctcgtgtttg agttgtttgc ttgtgttcaa aactaaggct acttgaaatg      60
tgcataattta ccatgctaaa tttatagctc taatatttga tgactaatat gttaaaggta      120
ttatctaagt gagaaagaaa aaagtccatc tctgcaaatg ttagatacgg tacatacttt      180
gaatatccag agtttgtaat atgttatatt tggacagggt ccctgaagaa tttgacaaga      240
cgtcattttca caaagtgcgc cattctgagg atatgcagtt tgccttctct tatttttatt      300
atctcatgag tgcagggcag ccaactgaata tatctcaagt ctttgatgaa gttgatacag      360
atcaatctgg tgtcttgtct gacagagaaa tccgaacact ggctaccaga attcacgaac      420
tgccgttaag tttgcaggat ttgacagggtc tggaaacacat gctaataaat tgctcaaaaa      480
tgcttctctgc tgatatcacg cagctaaata atattccacc aactcaggaa tcctactatg      540
atcccaacct gccaccggtc actaaaagtc tagtaacaaa ctgtaaacca gtaactgaca      600
aaatccacaa agcatataag gacaaaaaca aatataggtt tgaaatcatg ggagaagaag      660
aaatcgcttt taaaatgatt cgtaccaacg tttctcatgt gggtggccag ttggatgaca      720
taagaaaaaa ccctaggaag tttgtttgcc tgaatgacaa cattgaccac aatcataaag      780
atgctcagac agtgaaggct gttctcaggg acttctatga atccatgttc cccatacctt      840
cccaatttga actgccaaag gagtatcgaa accgtttcct tcatatgcat gagctgcagg      900
aatggagggc ttatcgagac aaattgaagt tttggacca ttgtgtacta gcaacattga      960
ttatgtttac tatattctca ttttttgctg agcagttaat tgcacttaag cggaagatat      1020
ttcccagaag gaggatacac aaagaagcta gtcccaatcg aatcagagta tagaagatct      1080
tcatttgaaa accatctacc tcagcattta ctgagcattt taaaactcag cttcacagag      1140
atgtctttgt gatgtgatgc ttagcagttt ggcccgaaga aggaaaatat ccagtaccat      1200
gctgttttgt ggcatgaata tagccactg accaggaatt atttaaccaa cccactgaaa      1260
acttgttgtt tgagcagctc tgaactgatt ttacttttaa agaatttgct catggacctg      1320
tcatcctttt tataaaaagg ctactgaca agagacagct gttaatttcc cacagcaatc      1380
attgcagact aactttatta ggagaagcct atgccagctg ggagtgattg ctaagaggct      1440
ccagtctttg cattccaaag ctttttgcta aagttttgca cttttttttt ttcatattccc      1500
atttttaagt agttactaag ttaactagtt attcttgctt ctgagtataa cgaattgggg      1560
atgtctaaac ctatttttat agatgttatt taaataaggc agcaatatca cctcttattg      1620
acaataccta aattatgagt tttattaata tttaaaactg taaatggtct taaaccacta      1680
actactgaaa agctcaatga ttgacatctg aaatgctttg taattattga cttcagcccc      1740
taagaatgct atgattttcac gtgcagggtc aatttcaaag ggctagagtt agtactactt      1800
accagatgta attatgtttt ggaaatgtac atattcaaac agaagtgcct catttttagaa      1860
atgagtagtg ctgatggcac tggcacatta cagtgggtgc ttgtttaata ctcatgggta      1920
tattccagta gctatctctc tcagttgggt tttgatagaa cagaggccag caaacctttct      1980
ttgtaaaagg ctggttagta aattattgca ggccacctgt gtctttgtca tacattcttc      2040
ttgctgttgt ttagtttgtt ttttttcaa caacctcta aaaatgtaaa aaccatgttt      2100
agcttgacgc tgtacaaaaa ctgcccacca gccagatgtg accctcaggc catcattttgc      2160
caatcactga gaattagttt ttgttggtgt tgttggttgt gtttttgaga cagagtctct      2220
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cgggttcaag cagttctgtc tcagccttct gagtagctgg gactacaggt gcatgccacc      2340
acaccctgct aatttttgta ttttttagtag agacgggggt tccaccatat tggtcaggct      2400
tatcttgaac tcctgacctc aggtgatcca cctgcctctg cctcccaaag tgctgagatt      2460
acaggcataa gccagtgcac ccagccgaga attagtatatt ttatgtatgg ttaaaccttg      2520
gcgtctagcc gtatttttat tcataatata atggatttgt gaagagcaga ttccatgagt      2580
aactctgaca ggtatttttag atcatgatct caacaatatt cttccaaaat ggcatacatc      2640
ttttgtacaa agaacttgaa atgtaaatac tgtgtttgtg ctgtaagagt tgtgtatttc      2700
aaaaactgaa atctcataaa aagttaaatt tttgtctgaa aaaaaaaa      2748

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<210> 3736
<211> 4917
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (4918)...(0)
 <223> similar to gill136426 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3736

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tagccttcag	atacaccaca	ccacaatcca	tcgacagtca	atcaaaccaca	acagcagttc	120
attccttgac	aatccatgag	ttagggcaaa	actcccttca	acttacagta	agatcctact	180
tagctcttgc	gggcaggggt	tggggaatta	cacctcattt	ctgatcacta	atgtgatgaa	240
gagcatcaga	agtatatgaa	aacgataaga	agtgattctg	atttcaaagt	acattgtttg	300
gaaacattaa	caaaaacatc	aaaatgatag	aagtatacct	gcttctacta	aattcctgat	360
gggaaagtcc	tcaagaacaa	gcaatttggt	tcctgctaca	gaaggggggg	gtgggttttt	420
ttttttaaga	tcaaaggggt	ttttttcaca	gaatttcata	tttgctaata	tgaaggcata	480
aaacagcaac	aaagaacaat	aatgcataca	gcagtgaata	caccagggta	atgttgatat	540
tcgaaacggc	tagataattt	ttgggggggt	ttagaataaa	tgcaacagag	gtcaataatc	600
acaaaatttt	aagggttagag	caagatcagt	caatgactaa	acagagttaa	catcttttat	660
aggactatta	ctgattatta	gcatttttgt	tttgcaaatg	ggcacatact	gttaagaatg	720
gaagaaagga	cgataacatg	catattaact	acacacttta	aaaattatga	accatgcaga	780
agtttagctc	aagtagtagt	actaatggtc	tacatccgat	tcaaaaccac	atagttcatt	840
gatcacagat	gcatggtatt	agtcacgaaa	gtttcagaac	acattgtggt	gattttgaaa	900
ggtcatttgc	atcttctatg	atttcaactt	tatctccatt	taacttgctt	gtaaagtatg	960
tatgatgtat	tgtatattta	aaatcagcag	aacggcaata	ttactctata	attttttagt	1020
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caaatgctaa	aaatttatatt	ttaagctata	tatacttaaa	gactgccaaa	atgtgttttc	1260
tttatagttc	aagaaacaca	actataggct	tttgtcataa	ccagtttaaa	ctttatgtgt	1320
acttcatttt	aagtgcggga	gtcaaatgct	cttcattttc	tttctctttt	ttgttttatt	1380
gtagcatttt	gactacaact	ggttaaaact	aaaaatgtgt	tgtttaaatc	tctgatatca	1440
aagagggatc	tgaatttcca	aagtccctcat	ttttctctta	cggaaaggac	aaaatgtaca	1500
taactgcagg	ctctctttct	ctccagatat	tcctaaatcc	ttacccttcc	agcatccttc	1560
accctctata	aaaaataagt	ttactcttct	ttatttaaga	cagctgcctc	cagagcagct	1620
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ttagagtcac	tattcaaggc	actttcagag	tggctggggg	ccctggcgctc	accogtgcctc	1740
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tctgaagaca	tagcagagga	cttcgattcc	ccagattttg	acttaagttc	tttgccact	1860
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00400725.013100

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ggccactgca ccatgtaccg taagacgcag cagagcacca tgaggtagt gggcacgttg 2820
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cggttcttgt cctctaccgc cttaccaaac cacagcctct tcaggttggg gcagggtccac 2940
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caggcgcagc ggggtctcgc ggggccgctg ccgcccgcg cccaccaggc tgccccgggc 4860
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<210> 3737

<211> 1858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1023)

<223> similar to gil1710222 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3737

gtgatatttt acaggaagat caccatactt cacagaaagt ggaggaacca tcacagtgtc 60

tggcatctgg	aacagctatc	tctgagctaa	taatagaaga	caataatgca	tctcctcaaa	120
aactaaggga	acttgatcct	tcacttgtgt	cagcaaatga	cagtcctagt	ggcatgcaga	180
cacgctgtgt	ctggtctcct	ttggcttctc	cgtctacgag	catttttaaag	agaggactaa	240
aaagatccca	agaagatgaa	atctcatcac	ctgttaataa	ggttcgcctg	gtctcctttg	300
cagatccaat	ataccaagca	ggattggcag	atgacattga	tagacggtgc	tcttattggt	360
aggtcccatt	cttccaatag	ttctcccata	gggaaaaagt	gttaaaactt	ctcctactta	420
cacatctaag	gtttcagaaa	tggccaaaga	atccatacca	tgcccaacag	aaagtgttta	480
cccaccattg	gtgaactgtg	tggcaccagt	tgacatcatt	ttacctcaga	ttacatcaaa	540
catgtgggca	agaggcctgg	gacaactcat	tagagctaa	aatataaaaa	ctattggtga	600
tttgagtact	cttacagcat	ctgaaataaa	aactcttcct	atccgttctc	caaaagtgtc	660
caatgtaaaa	aaggctctca	gaatatatca	tgagcagcag	gtgaagactc	gtggactaga	720
agagattcca	gtttttgata	tttctgaaaa	aacagtaaat	ggaatagaaa	ataaatcttt	780
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attatccaaa	aacctgtgtg	cacagattag	tgctcttgct	cttcagctgg	attcagaaga	900
tcttcataat	tattcaggaa	gccaaactatt	tgaaatgcac	gagaaactaa	gttgtatggc	960
aaactctgta	ataaaaaatc	tacagtcacg	ttggagatca	ccatcccatg	aaaattctat	1020
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aaacaagttc	tgaaataata	gcacaatttc	aaagaagaga	ctctttgcaa	agttgataac	1140
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taagatcctt	ttttttttca	taatatgtat	tcttggtctg	tatgcgtggt	ttttcaggaa	1260
atttaattat	cttactgaga	tgtgaaagca	aaactagtaa	cagaacttac	attttatttc	1320
atgctttctt	aaaccctgtg	atattctggt	gaaacatgta	aaatacttta	agtaaaattg	1380
aacattttta	tttgaatttt	tgctgaactg	ataaagggtg	ttatatTTTT	gtttgttggt	1440
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caaatgaaat	gcgaaagaat	ttgaattttt	cctgcatatg	tcaactttgg	acagctttca	1560
agaaaaatga	gaaaagtttc	aacttctggc	ggttaaaata	ttaatgcaga	atttactaag	1620
attttattca	tatgcattag	caaataattca	tgacgagcga	gttgactgaa	aatttattct	1680
tatgagacgt	atagtattca	tttttaaattg	catgattgta	cattatgtat	agacgcacaa	1740
gtttttaatt	tataaatttc	attctttggt	aattgcatgg	gtttttctgc	agcttattgt	1800
gaataccctg	gttctgttca	atagaaacat	tttgtatata	ttgaatactg	aaatatca	1858

<210> 3738

<211> 2049

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (629)...(80)

<223> similar to gi55471 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3738

gcataattcg	gacgagtgg	cctgacgccc	tttgggatag	gggatggtag	ggcaaggccc	60
ctcaagcagg	aggcagcaac	aggactggaa	tgacgcggtc	caggaggagg	ggaggcccag	120
cagacctttg	tgccctggag	ggagccaacc	caccctgaca	cggagacact	ggcagaatag	180
accagagtgc	ggcaaagggt	tcgcggacag	ctccgcccga	gtcaaacacc	tccgcaccca	240
cagtggcgag	aggcccatg	cctgcccggg	atgcgaccgt	accttcagcc	tcagctccac	300
ccttcttcgc	caccgcctca	ctcacatgga	gccccaggac	ttcagcttcc	caggctatcc	360
cctaccgct	ctgatcccca	gccaccccc	accttctctg	ggcaccagcc	ccccgctgac	420

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acctcgaagt ccctcacact cgggtgagcc ttttggcctg cctggccttg agccagagcc 480
tgggggccca caggctgggg agccaccccc accactggcg ggcgacaagc cccacaagtg 540
ccctgagtggt ggcaagggct tccgccgaag ctctgacctg gtgaaacacc atcgtgtgca 600
cacaggggag aaacctacc tctgtcctga atgcggcaag ggttttgctg acagctcagc 660
ccgagtcaag cacctccgca cccaccgtgg tgaacgggcc cggccaccac caccatccac 720
tctgtgcgg ccacataacc cacctggccc agtaccatg gcccctcgac cccgagttcg 780
ggcccagcct tctggacca gccagcccca cgtgtgtggc ttctgtggga aggagttccc 840
ccggagctca gatctggtca aacacaggcg tacacacacg ggggagaagc catacaagtg 900
tgcagagtgt ggcaaggggt ttggtgacag ttctgcccgc atcaagcacc agcgtgggca 960
cctggtcctg acgccctttg ggatagggga tggtagggca aggccctca agcaggaggc 1020
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tgtgtacaca caggcatgaa aaaggtggag aggggtctct gcgcgcaaaa ctcagactgt 1980
aaattttgtg tggttccctt gctctttgag cccattaaat aaaaagggtt ttttggcgta 2040
aaaaaaaaa
2049

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<210> 3739
<211> 1538
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1539)
<223> n = a,t,c or g

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<220>
<221> misc_feature
<222> (6)...(751)
<223> similar to gil845345 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3739
acgacgacag tggcctgcac ttcttctga cggcaccatc ttctctgtgc tctgcatggg 60
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ggcccatgtg ttttctggtg aagaggagct tccccaggac tccctcagtg ccccttcggt 180
ggcctccaga ttcattgatt cccacacacc ccctctccgc cccatcctga agaagacggc 240

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cagcctgggc	ttctgtgtca	cctacgtctt	cttcatcacc	agcctcatct	accccgccgt	300
ctgcaccaac	atcgagtcct	tcaacaagg	ctcgggctca	ctgtggacca	ccaagttttt	360
catccccctc	actacccttc	tctgtacaa	ctttgtctgac	ctatgtggcc	ggcagctcac	420
cgcttgatc	caggtgccag	ggcccaatag	caaggcgctc	ccagggttcg	tgctcctccg	480
gacctgcctc	atccccctct	tctgtctctg	taactaccag	ccccgcgtcc	acctgaagac	540
tgtggtcttc	cagtccgatg	tgtaccccg	actcctcagc	tccctgctgg	ggctcagcaa	600
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tgaggccacg	ggagtgggtga	tgtcctttta	tgtgtgcttg	ggcttaaacac	tgggctcagc	720
ctgctctacc	ctcctgggtgc	acctcatcta	gaaggaggga	cacaaggaca	ttggtgcttc	780
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ctgggggtcaa	gatgaagggt	cttttcagtg	tttnctgtt	ttacaacatg	tcaaagccat	1500
tggttcaagg	gcgtaataca	atacttgctg	attcaaaa			1538

<210> 3740

<211> 670

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (630)...(352)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3740

tttttttttt	ttaataaaaa	aaaaaaaaatg	tgtttttttt	tggcaacgac	agaaacgtag	60
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attaatatct	ctgttgataa	gactttgtta	gatgttaggg	agctgataat	ggaggggggt	180
gggaatcctt	caaaggcaat	ttcttaggca	cttgcaagg	cttgggggag	ggggaggcag	240
ttgtgatgac	ctcagaaata	ctcacttttt	attaatgcta	aatatgttag	aaagaaatga	300
tagcattcag	catttttatc	ttcttaatat	attaagctgt	gtaactccct	gccccaaacc	360
actgaaaaga	aaagtaacct	tcaggccagg	cgcgggtggc	cacgcctgta	atcccaacac	420
tttgggaggc	tgaggcgggc	ggatcactta	aggtcaggag	ttcaagacca	gcctggccaa	480
catggtgaaa	ccccgtctct	atcaaaaatt	agccgggcat	ggtggcacgt	gcctgtaatc	540
ccagctactt	gggaggctga	ggcacgagaa	ttgcttgaa	ccaggaggct	gaggctgcag	600
tgagccaaga	ttgtgccact	gcactccagc	ctgtgtgaga	gagtgagact	ctgtctcaaa	660
agagaaaaaa						670

<210> 3741
 <211> 4539
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4540)...(1914)
 <223> similar to gi2661424 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3741

tttttttttt	ttacaaggtg	gaaaattatg	tattttattta	cacaaatatg	cacagaacac	60
ttgtatcttt	caaaagtcac	acttaagaca	tagtaaaagc	atgttgtag	aaccatgtat	120
tcttaaggat	tgagcaaact	gcaggctgct	tgctgccttt	taggtttgct	agtccctgat	180
ctacttgaaa	cagatgttgc	ttgccccaac	actagtttaa	ttataagggc	agcctgtgag	240
aaagtttcaa	tagacatfff	tctcacctat	attgcacggt	tttctgaagc	ccttgtgcaa	300
gtgtgtgtgc	catgtgtagt	tctattttaca	tataaacgct	actttaaaag	tttatcaaaa	360
tcatgagttt	ttacaaaagt	ttttaatgct	cttctgcatt	atatgcagca	ttgcaaactct	420
gcaaagtagt	aaaactataa	agcaccttta	ggttttgcacc	agttattaca	gaaatgggga	480
tttgtgaaaa	ggatgtaatt	tgatgtagaa	gggcaaagtc	ctttaatgac	tggcattcaa	540
gaggattact	taaaacaatt	tgtaagttca	tgctaacctc	ttccctatat	ttatactact	600
gggacctggg	gaaggatcca	tgacatggaa	gtatcttgag	tgtgcctttt	aaatttgagc	660
attactgcta	agaatgttct	gtaaaggtgc	atagttaaagc	agctatccct	taactcttgg	720
agaaaatagcc	atagggaaac	caatcattta	ggtaggagaa	ccatggggaa	aaaaatcagc	780
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aaatatagta	gatattgtta	tgtgtttgg	aaaatagggt	gtatgtccag	ctggcattta	1200
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tcttatgggt	tctgtagcac	ttgggtactca	acaaggatac	ttgtttccaa	atatcagatc	1320
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<210> 3742

<211> 4063

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4041)...(1075)

<223> similar to gi50479 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3742

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60

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gcgttggttc	gtagtaagac	acagcccttc	tgtgggcacc	caaggggctc	tcatgtccca	240
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```

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```

```

<210> 3743
<211> 688
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (16)...(229)
<223> similar to gi403020 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3743
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ccaatgactc atcatattca gagccccag atgttcagca gcagttgaac cactatcagt 120
cagctgccct ggcaaggaac aacagccgtg ttagccctgt gcctctttct ggggctgctg 180
ctggcactga gcagaaaact gaagccgtgc ttcactgcga attctgtgaa ttctcctccg 240
gctacatcca gagcatcagg cgtcattacc gggacaagca tgggtgggaag aagcttttca 300
agtgcaaaga ctgctccttt tacacaggct ttaaactctg ttttactatg cacgtggaag 360
ctgggcactc agcagttccc gaggagggcc ccaaagatct tcgctgtcct ctctgcctct 420
atcacaccaa atacaagcmc aacatgattg accacatcgt gctgcaccga gaagagcgtg 480
ttgtcccat tgaagtttgc cgggtccaaac tgtccaaata cttgcaggga gtagttttcc 540
gctgtgataa gtgtaccttc acctgctcca ggtgatgaga gcctccagca acatatagaa 600
aagcacaatg aactgaaacc ttacaaatgc cagctctgct actatgagac caagcacacg 660
gaggaactgg acagccacct tcgggatg 688

```

```

<210> 3744
<211> 790
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(213)
<223> similar to gi4580997 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```


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ccttctgggt	cgtttcttcc	attgctgcaa	accctcgctc	gcacgtggcc	ttaaggctct	1680
ccaagtccct	ctggctacttc	tcacgcagtg	tggccgcgct	gccctccagg	tccttgtgtc	1740
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<210> 3746
 <211> 818
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (9)...(632)
 <223> similar to gi2507613 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3746
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 acagtgcgt caggcccccac caaggggctc tgggtggagag gattatccca cccccctct 180
 acagtgcoca gaatcatgac tacgacgtcg ccctcctgag gctccagacc gctctcaact 240
 tctcagacac tgtgggcgct gtgtgcctgc cggccaagga acagcatttt ccgaagggct 300
 cgcggtgctg ggtgtctggc tggggccaca cccaccctag ccatacttac agctcggata 360
 tgctccagga cacggtggtg cccctgctca gcactcagct ctgcaacagc tcttgtgtgt 420
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 tgctgtttcc tccagtctca ctgcacacca ctgcctcatg cttcctgggg cctccagcag 720
 ctccactaat ggaggagagg cagtagcctc cgacacagaa cgcctgggac ctctactact 780
 gtgtgtgagg aacagtcact acccactggc cagccact 818

<210> 3747
 <211> 724
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(725)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (207)...(554)
 <223> similar to gi1504034 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3747

```

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agtgtctttg ccctccgaca gctctgggtg gatcgcccag tggcgctgt ccgtgttttg 120
gcgcccccta gcagcggcgc agttgcgcct gtttcgatag gcgagcggat tggcgccctt 180
ggttgccgga gcaatccctt aggcctgggt ccctgccgcc tggagcctcg gctcctcgca 240
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gtactggaga agcagcaggg caacttcaag gccacctacc gtgccggcat tgccttctac 420
cacctgggcg actacgcacg cgcgtgcgc tacctgcagg aggcccgag ccgggaaccc 480
acagacacca atgtgtccg ctacatccag ctgactcagc tgaagatgaa tcgttgcagc 540
ctccagcggg aagacagtgg ggctgggtcc cagactcggg atgtaattgg ctgaggccaa 600
tccaggggga cctctctatc cctgcacctc ccacctcacc atgtaacttc ccccgactca 660
tgtgtttgtt ggtaaaacac ttgtcactgg tgatcanaaa aaaaaaaaaa agacaaaaaa 720
aaaa 724

```

```

<210> 3748
<211> 1270
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1271)
<223> n = a,t,c or g

```

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<220>
<221> misc_feature
<222> (39)...(327)
<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3748
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ctcctgggtt caagcgggtc catgccttca gcctccagag cagctgggat tacaggtgcg 180
tgccaccaca ccagctaata tttttgtaga gacagggttt tgccatgttg tccagactga 240
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aacaagctgg cctagagccc acatcagcag gcaggcggcc cacagtgcc caggacctac 480
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tatttatctg ggggtcctat ccaatcatgg caagactttc ttggagggca gaatcttgag 1080
accccgctgg gcgctgtatc cctgcgctcg gcgcgcgct ccggagcgag ttgacagccg 1140

```

cggcaggcga	aggcgcgcca	gagagggggg	agaaaggtct	tcttccccgc	ccgcaagacc	1200
accatggccc	cacgccccct	ggctccccgc	cggacgcgtg	gctcgncccc	ggaatccgcg	1260
tcacagcctc						1270

<210> 3749

<211> 4424

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(2583)

<223> similar to gi4589622 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3749

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gctggggccga	gccggaggtt	gtggtgtctg	actgcgctgg	gcacctcgg	gccgcagcgg	180
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<210> 3750
<211> 1000
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1001)
<223> n = a,t,c or g

<220>
<221> misc feature
```

<222> (10)...(679)
 <223> similar to gi5019453 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3750

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agatgggagg	gctgggggtcc	catgcccaga	tcagcaggca	gagccatcac	tggtgcccag	420
ggctgccagc	acccttgagg	ggtggaaaga	attccatcag	ggaaagaacg	agtgggcccc	480
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gacgggcttt	ccataaccct	cgacgctcct	cattgacctt	ggaaccgcgg	ttttgctttt	960
gttcgtggct	ccttgccccg	gagtcattga	ccaaagagaa			1000

<210> 3751

<211> 5403

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5406)...(466)

<223> similar to gi3043590 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3751

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ctctgtccag	gcgggttcca	gacctgtcct	gagactctct	ccgtatttaa	gtcaacattc	180
attcggttac	acagaagtta	ctttttaatt	tttaaggagg	aaccagtgat	gattggtgac	240
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tattctttcg	tttaagaagc	tataacttaa	accatcttca	gaaacaagat	ctgtcaccgc	360
tagagcttag	agtccaaata	gacacctatg	aggcgagcac	aaggggaggc	gtgaggcagc	420
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ggtcccgggc ccgcatctcc cagagcagcc gctccacctc ggccagtgtc cggagcagct 4620
gctcacctga tggagccgag gcattggcca gcccaggtg gcccgctctg gacatgagct 4680
cgctcagggg gcggtccaca gcccggatgg ccgccaacag cgtcttcgca tggcccagtg 4740
tggcctcggg gccggccagc aattggctcg cctgggtctcg ggtccccacg gcctggccgc 4800
ctagccgccc tgcgtcctgc ccgaggcttg tgctctgctg ctccagcacc tccagctgct 4860
gtgccgtctc atggcggggg cccagggggg tccggagctg gctctgcagg tcagcgatgg 4920
aggcgttcag cctgtgcaga cgggcccagg ccatggagct ggcatlgatg ccacgcagtt 4980
gctcgtgaat ggcggggagg agggcgccgg cccgttccag gtcattccagg agcaggacca 5040
cacagtggtc acacacttca cagtggatgc tgtggcccac agggccgcct ggaacaggca 5100
cctgatgctg ctggctgcag gtgtcgcagc gctccccgct gagccccggg gggcagttgc 5160
agcggcccggt gtgaggggtc cagcgccccc cagggcactg gcagcgctg cagccctgct 5220
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ggcagtggca ctgtccgctc tgggggtggc actcggagcc ctcggcggcc ggtccacaag 5340
cacacgggcg gcagcccccg cagccattga aacaaaatg tccctcctgg cagcggtcac 5400
agc 5403

```

```

<210> 3752
<211> 402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(187)
<223> similar to gil81853 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3752
ccacgacgca gtgccgactc cccgcgctgc cccagcccg gcccggttg cggagccctg 60
ctcctggggc tctgcctgct gcgtccaccc tgggggaagc gcccgctgta ccctccacac 120
cgggggcttc cctgacccc ttaggcctc cccctgcagg tgccctcgcg cccctcccgg 180
ggtccccagg tgagttaggg ctgaatatga caggagaggc cgccggacgg gcgtggccgg 240
gagggaaatg gggctggatt ctagagcgtc ggacctggcc gccagaactg gccgtctccg 300
tcccgggcac tccgaccggg ggaccggagc cctgagtggc ggaaagctgg cggagcctgc 360
ccccaaagga gcaactgagtc ccggaagtgg tctttttgtg ga 402

```

```

<210> 3753
<211> 2410
<212> DNA

```


<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(2295)

<223> similar to gi5689405 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3753

gaggaggatt	cgcagttcaa	catcaaggtc	cctgtgcgtt	ttattgcgac	ctgccgggtgg	60
gaactttgtc	tccgagtcgg	agcagcatgg	agcggcggag	cgagagcccg	tgtctgcggg	120
acagccccga	ccggcggagc	ggcagcccgg	acgtcaaggg	gcctccccca	gtgaagggtgg	180
cccggctgga	gcagaacggc	agccccatgg	gagcccgcgg	gaggcccaac	ggcgcctgtg	240
ccaaggccgt	gggaggtttg	atgattcctg	tcttttgtgt	cgtaggagcag	ttggacggct	300
ctcttgaata	tgacaacaga	gaagaacacg	ccgagtttgt	cctggtgcgg	aaagatgtgc	360
tttttagcca	gctggtggag	actgcgctcc	tggccctggg	gtattctcac	agctctgcgg	420
cccaggccca	aggaataatc	aagctgggaa	ggtggaaccc	tctccccctc	agttatgtga	480
cagatgcacc	cgacgcgaca	gtggccgaca	tgctacaaga	tgtctatcat	gttgtgacgt	540
tgaaaatcca	attacaaagt	tgttcaaagt	tggaagactt	gcctgcggag	cagtggaacc	600
atgccacagt	ccgcaatgcc	ttaaagggaac	tgctcaaaga	gatgaaccag	agcacattag	660
ccaaagaatg	ccctctctcc	cagagtatga	tttcatccat	tgtaaatagc	acataattatg	720
ccaatgtgtc	agcaaccaag	tgccaggagt	ttgggagatg	gtataaaaag	tacaagaaga	780
ttaaagtgga	aagagtggaa	cgagaaaacc	tttcagacta	ttgtgttctg	ggccagcgtc	840
caatgcattt	accaaatatg	aaccagctgg	catccctggg	gaaaaccaac	gaacagtctc	900
ctcacagcca	aattcaccac	agttattcca	atcccgaaac	caagtgcctg	cattacagcc	960
cattcatgga	gocctggggc	tttctttctc	cccagctttt	agtccacaac	ttgtaaggca	1020
acaaatagcc	atggcccatc	tgataaacca	acagattcgc	gttagccggc	tcctgggtca	1080
ccagcatcct	caagccatca	accagcagtt	cctgaacccat	ccacccatcc	ccagagcagt	1140
taagccagag	ccaaccaact	cttccgtgga	agtctctcca	gatatctacc	agcaagtcag	1200
agatgagctg	aagagggccca	gtgtgtccca	agctgtcttt	gcaagagtgg	cattcaaccg	1260
cacacaggga	ttgttgtctg	agattctgcg	taagggaaga	gacctcggga	cagcctctca	1320
gtctcttcta	gtaaacctga	gggccatgca	gaatttcctc	aatctgccag	aagtggagcg	1380
agatcgcatc	taccaggatg	agagggagcg	gagcatgaat	cccaatgtga	gcatggtctc	1440
ctcggcctcc	agcagtccca	gctcctcccg	aaccctcag	gccaaaacct	cgacaccgac	1500
aacagacctc	cctattaagg	tggacggcgc	caacatcaac	atcacagctg	ccatttatga	1560
cgagatccaa	caggagatga	aaagggccaa	ggtgtctcaa	gccctgtttg	ccaaagtggc	1620
tgcaaataaa	agtcagggtc	ggctgtgtga	actgctccgc	tggaaggaga	acccaagccc	1680
agaaaaccgc	accctctggg	aaaacctctg	taccatccgt	cgcttcctga	accttccccca	1740
gcatgagagg	gatgtcatct	atgaggagga	gtcaaggcat	caccacagcg	aacgcatgca	1800
acacgtggtc	cagcttcccc	ctgagccggg	gcaggctact	catagacagc	agtctcagcc	1860
agccaaggag	agttccccctc	ccagagaaga	agcgcctccc	ccacctcctc	cgactgaaga	1920
cagttgtgcc	aaaaagcccc	ggtctcgcac	aaagatctcc	ttagaagccc	tggggatcct	1980
ccaaagcttt	attcatgatg	taggcctgta	cccagaccag	gaagccatcc	acactctttc	2040
ggctcagctg	gatctcccca	aacacacccat	catcaagttc	ttccagaacc	agcgggtacca	2100
cgtgaagcac	cacgggaagc	tgaaagagca	cctgggctcc	gcgggtggacg	tggctgaata	2160
taaggacgag	gagctgctga	ccgagtcaga	ggagaacgac	agcgaggaag	gctccgagga	2220
gatgtacaaa	gtggaggctg	aggaggaaaa	tgctgacaaa	agcaaggcag	cacctgccga	2280
aattaaccag	agataatgtg	aacttctact	aggcaaagca	atacatcggt	ccaaggattt	2340
tttgctttca	tttcttttaa	agttttttgt	tagtttgttt	tttgtttttg	tttttgggtt	2400
tttttggtt						2410

<210> 3754
 <211> 2207
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(2054)
 <223> similar to gi4454791 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3754

agcagattga	ttccatcatg	tttgaccagg	cgcagaccga	gatccagtcg	gtgatggagg	60
aaaatgccta	ccagatgttt	ttgacttctg	atatatacct	cgaatatgtg	aggagtgggg	120
gagaaaacac	agcttacatg	agtaatgggg	gactcgggag	cctaaagggtc	gtgtgtggct	180
atctccccac	cttgaatgaa	gaagaggagt	ggacttgtgc	cgacttcaag	tgcaaaacttt	240
cgccaaccgt	ggttggtctg	tccagcaaaa	ctctgagggc	cacggcgagt	gtgaggtcca	300
cggaaactgt	tgacagtgga	tacaggtcct	tcaagaggag	cgatcctgtt	aatccttatc	360
acatagggtc	tggctatgtc	tttgaccagg	ccaccagcgc	caacgacagt	gagatatcca	420
gtgatgcgct	gacggatgat	tccatgtcca	tgacggacag	cagtgtagat	ggaattcctc	480
cttatcgtgt	gggcagtaag	aaacagctcc	agagagaaat	gcatcgagct	gtgaaggcca	540
atggccaagt	gtctctacct	catttcccca	gaacccaccg	cctgcccaag	gagatgaccc	600
ccgtggaacc	cgccaccttt	gcagctgagc	tgatctcgag	gctggaaaag	ctgaagctgg	660
agttggagag	ccgccacagc	ctggagggaag	cgcctgcagc	aagatccgaa	gaggatgaag	720
agagagaggg	ctccgagctc	acactcaaata	tgcggggagg	ggcgcccccac	gcaggcaccc	780
cctcttccct	tactgcccctc	cggcagctta	cgagggaagg	acccgcagga	cgatactgga	840
cgatcacctg	tccagggtcc	tcaagacccc	tggctgccag	tctccgggag	taggcccgtc	900
tagccctcgc	tcccgtctcc	cggaccacca	ccaccaccac	cattcgagct	acttactccc	960
tcgtcccgc	cgggtggcaag	ctgcctccc	cggccgcctc	gccggggcgc	tgccccctcc	1020
tcgggggcaa	aggctttgtg	accaagcaga	cgacgaagca	tgtccaccac	cactacatcc	1080
accaccatgc	cgtccccaag	accaaggagg	agatcgaggc	ggaggccacg	cagcgggtgc	1140
actgcttctg	ccctgggggc	agcgagtatt	actgctactc	gaaatgcaaa	agccactcca	1200
aggctccgga	aaccatgccc	agcgagcagt	ttggcggcag	cagaggcagt	accttgccca	1260
aacgcaatgg	gaaaggcacg	gagccggggc	tggccctgcc	cgccagggaa	ggagggggcc	1320
ccggcggagc	tggggcccctg	cagcttcccc	gggaggaagg	agacaggtcg	caggatgtct	1380
ggcagtggtg	gctggagagt	gagcggcaga	gcaagcccaa	gccccatagt	gcccacagca	1440
caaaaaaggc	ctaccccttg	gagtctgccc	gctcgtctcc	aggcgaacga	gccagccggc	1500
accatctgtg	ggggggcaac	agcgggcacc	cccgcaccac	cccccgctgc	cacctgttca	1560
cccaggaccc	tgcgatgcct	cccctgaccc	cacccaacac	gctgggtcag	ctggaggagg	1620
cctgtcgcag	gctagctgag	gtgtcgaagc	ccccaaagca	gcgggtgctg	gtggccagtc	1680
agcagagggg	caggaatcat	tcggccactg	ttcagacggg	agccacaccc	ttctccaatc	1740
caagcctggc	tccagaagat	cacaaagagc	caaagaaact	ggcaggtgtc	cacgcgctcc	1800
aggccagtga	gttggttgtc	acttactttt	tctgtgggga	agaaattcca	taccggagga	1860
tgctgaaggc	tcaaagcttg	accctggggc	actttaagga	gcagctcagc	aaaaagggaa	1920
attataggta	ttacttcaaa	aaagcaagcg	atgagtttgc	ctgtggagcg	gtgtttgagg	1980
agatctggga	ggatgagacg	gtgctcccga	tgtatgaagg	ccggattctg	ggcaaagtgg	2040
agcggatcga	ttgagccctg	gggtctggct	ttggtgaact	gttgagccc	gaagctcttg	2100
tgaactgtct	tggctgtgag	caactgcgac	aaaacatttt	gaaggaaaat	taaaccaatg	2160
aagaagacaa	agtctaagga	agaatcggcc	agtgggcctt	cgggagg		2207

<210> 3755
 <211> 716
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (73)...(523)
 <223> similar to gi992994 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3755
 gaaagagtgg gtaatgtgtg ttcactggaa atttctaaca ttcaaaaagg agaaggggga 60
 gagtacatgt gtcattgctgt aaacatcata ggggaagcaa agagctttgc aaatgtagac 120
 ataatgcccc aggaagaaaag agtgggtggca ctaccacctc cagaattttg tagatccaaa 180
 tatggattca agggaggggag aagacaaaaga actaaaaatt gatttagaag tatttgaaat 240
 gcctcctcgc tttataatgc ctatttgtga ttttaaaatt ccagaaaatt cagatgctgt 300
 attcaaatgt tcagtcatag ggatcccgac tcccgaagtt aagtgggtata aagaatatat 360
 gtgtattgag ccagataata ttaaatacgt gattagcgag gagaagggaa gtcacactct 420
 taaaattcga aatgtctgtc tttctgatag tgcaacatac aggtgcagag ctgtgaattg 480
 tgtaggagag gctatctgtc ggggattcct caccatggga gattctgaaa tatttgctgt 540
 gatagcaaag aaaagcaaag tgactttaag cagtttaatg gaagaattgg tcttaaagag 600
 caactacaca gacagttttt ttgaatttca ggtgggggaa gggcctccca ggtttatcaa 660
 aggtatttct gactgttatg caccaatagg tacagcagca tattttcagt gcttag 716

<210> 3756
 <211> 1045
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (799)...(343)
 <223> similar to gi733571 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3756
 ttttttttta ctaccacaaa caattaggaa ttttttatcg ttatagatgt tgttaaagga 60
 ctccagtagc aaagatcaaa gtctccgaat tttgcctttg gagaaggggg tttcatttca 120
 gacatcaaag gtaaggctct caagtcaatt tatgctctgc tgggttgagt cagtcaggat 180
 acaaattaag gtccatatat ttcagtgaac agaaggaaac ggttatgtaa atacacaagt 240
 attaacatca atctgtatta aattatgtaa acatatacat cttctgaggt cagcacatag 300
 atcctccttc ctttgaggcg gagctcttac tggaagcatt gcttcgaatc tgtttgggaa 360
 gttgattcat cgttcaagtg ctttgtagtg aacctgaggg catttagcag cccctccaca 420
 ctgtctgggg cctgctcctt caaaactttt atgcagcctt tcatatcgat cttggatgtc 480
 ttgcagaaag ctccacagg gtggacatgg tcatagagga tgatgactcc caccatcacc 540

agcagggggcc	gccggctgat	gagctgctcg	aagcggggcca	ggcgcagctc	caggtccaca	1740
tcatacctcct	cctcgcgccc	cagctccgag	gcggtctcca	tctttgcagc	gatcatgctc	1800
tcctcgaact	gggcgtagct	gtcaaacacc	tgtgtgaagt	cccgcacggt	catcactgtc	1860
cggatgg						1867

```

<210> 3758
<211> 1804
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (11)...(1135)
<223> similar to gi2073564 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3758	
gactacgctc	agcttggcac
taaaagacct	agaggagggt
tgatcaattt	gggcttggtt
tggttttcat	caaacgaagg
atgacctgct	gattccccag
ttgggggtcag	catagctata
ttacaataag	ctcttgtgac
ccatcaacct	aaccacgaaa
ggtcacagtc	ccaagaggaa
cccttgtctc	ggataaagaa
agacagagaa	gcgtgtgctg
ctaaagtcac	tgatgaaagg
tgaaggggtc	attttcta
ccatttgtgag	tgtgctagcc
ctcagggtaca	aactcgactt
ttgaaattct	ggctgtggat
gggatgctga	tgaacaggca
agcaaagata	cctcaaatta
tgtctgtgct	atctctgtac
aaagaactgt	cgtaaacctc
tgtacattca	tcataattta
cctttaatcc	cagcaacttt
agaccagcct	gagcaacaaa
gcatgggtggc	acatgcctgt
ctcaggaggt	tgaggctgca
caaagcaaga	ccctgtttta
cctacaaagt	tgagctttgt
gatataataa	atgctttcat
tttagggagc	tggaacataa
acatgaaat	atccaaacca
tggg	

[illegible]

```
<210> 3760
<211> 2950
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2936)...(2772)
<223> similar to gi3288483 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

2548

agcacatgca	cacatgcgct	gccccctcctg	agatgctctc	aggccctctgc	cagggtaggg	480
ttgtagctgt	gttccccaca	gctgactgtc	agctaaccag	ggctaggggt	gagtgcattg	540
tggaggacac	agggctcttag	cctgatgctc	gaatcctcct	tctggaacag	gctgatgggtg	600
ccagagcaca	gcacgaacca	cctaccacc	atggggctct	ccagggctcg	gtcatttggc	660
tctgtgcac	ttcatgacac	tcaggagccc	ctacggccc	agccccaagc	cccagaaaag	720
gggaaagatt	tggttctgag	agggctccac	tggccctggg	cacctagggg	cctcagcatc	780
taccagcata	ggggaggggtg	gcggcccccct	tcttgaggac	tgcattctttc	tccagccgct	840
ctccccagat	cccacacctg	ccagtgcagc	agggagatag	gaggaccacc	tccctcccag	900
ggaaggggggt	ggcaggtgga	aggacttagg	tttgggtgcag	gaacactaga	cctgcccctc	960
accccctgcc	tccaggactg	ccattctgaa	ctgcaattct	gggcctgagt	ttggcttaag	1020
ggccagctctg	aagggacttg	cttgggtgaag	gccagccag	ctgtcccagt	ggcatttcat	1080
aaacaaacga	tactgtccct	tccaggctga	cctggagaga	gacccttcca	aaggcagtgg	1140
agtggagggc	atgggcctcc	gatgagagaa	ctccagagct	ggccgggacc	tactgtgctg	1200
gcagcagaca	ggtaggagcc	tggctgggggt	aggtcagggg	ttgggtgttta	gctggagggtc	1260
tcctgggcct	tgtgagccaa	gctggggcctt	ttatgtgggt	tctgggctcc	cagagaccctc	1320
cgccagatga	cctccagagt	ctttgggggtc	tcacactggg	agaagctcct	cccctttcca	1380
agatgacccc	caaaatgagg	cctcaggaag	tggtagacac	aaggatggcc	aagaggacag	1440
agctgggtag	tacgcctctg	ctgggcgcgg	cctggccgggt	ggggcctgga	cggtgcctca	1500
gcaatccctt	tctaccaag	ggacgctggc	tgggtgccag	ctcatgcagg	cagtgcacat	1560
aaatcccgcc	taacggttac	ctctaggccc	tgggctgctc	gttcaagacg	acacaaagct	1620
cctcaggggc	ccaactttcc	agctgtggac	cctgctcagg	gttctcgggg	tccccttgct	1680
ggtggaggca	ggtgcaactca	ttaaagcaaa	tgtactctcc	aggtggaccc	tcaggcccag	1740
agccggcagc	agaggggggt	gaatccatgg	caacaggagt	cacaggtgaa	ccaatgggaa	1800
accaaacaca	cgcatcgaaa	gccaatcaaa	cacaaacccc	aaatgtgaag	gccagcagca	1860
agttctttgt	gtaataaata	ttgcaaaagc	cacttggttt	ctttcttttc	aagtcaaata	1920
taacgactaa	tgtcccagac	cctgttttct	gcattcaaaa	tagggaagct	gttgatatca	1980
gcagaacacc	tgcagccaaa	gaaaaaaaacc	gtttccatt	aaccagccaa	tcacagatcc	2040
tttccagttt	aagcagccaa	tcagacctct	tcacatttct	aaaaaaatga	cctaactaaa	2100
gcaccagagc	tcggagagct	tccagggaag	ccagataccg	aggcgcaaat	tttttaaaaa	2160
ataagagtca	gaaataaaaa	taaaagggtt	ctggttggtca	agatttaaaa	aataaaaaag	2220
tttcttcctg	cagccaatca	caagtccatc	cctttaagcc	aattataaac	gcaccactgg	2280
tgtctccctt	gatgccagcc	ccactgagta	gctgtgaggt	ggggtggggc	agggcaggggt	2340
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ccacacagat	ctcttgcccc	tcaacagcat	ccagggtggt	ccaagggtct	tgcagctact	2460
gcctccgggtc	ttccgtctcc	gacctggaaa	acgccatcac	cacgtcctct	gcaccctgggt	2520
cgatggagtg	cggaggcagc	tggctgagct	ggctgttgac	caccctgca	taggtgcgca	2580
ggaactcctc	ctcgctggct	gtcagggtttt	gatccccatc	ttccgcagca	tgagcagcac	2640
tcggaccttc	tgtgaaatg	tacatctcct	tcaggactct	tccccgggag	cttccctcgc	2700
ggttcatccc	cctgcctggc	tctggggact	ccctgcttct	ggaaattaac	ttcaggcaaa	2760
caggtgcctc	aactgtgagg	ggagggctgt	ggctgggcag	aagtaggaag	gtgccgccct	2820
gggccgcccc	acccggccgg	gccggcaggg	gcagcgggtc	cggcgcgag	cgcgcggcgg	2880
cctgttccgg	ggcgtgctca	gcccagagcag	ccgctgcggc	ggcggcagta	gcagcagcag	2940
gagcggccgc						2950

<210> 3761

<211> 3222

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2438)

<223> similar to gi4884108 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3761

gggaaaagag	gacaaaatgg	atttaaagaa	tttacaaggc	aagaacagat	caactgtgta	60
acaagagagc	ctcttactgc	tgatgaggaa	gaagcattaa	aacaggaaca	ccaacgaaaa	120
gagaaaagagc	tcttagaaaa	aatccaaagt	gccatagcct	gtaccaatat	ctttcccttg	180
ggtcgcgacc	gcatgtatag	acgatactgg	attttccctt	ctattccttg	actctttatt	240
gaagaggatt	attctgggtc	tactgaagac	atgctgttgc	ctagaccttc	atcatttcag	300
aataatgtac	agtctcaaga	tcctcaggta	tccactaaaa	ctggagagcc	tttgatgtct	360
gaatctacct	ccaacattga	ccaagggtcca	cgtgaccatt	ctgtgcagct	gccaaaacca	420
gtgcataagc	caaatcgggtg	gtgctttttac	agttcttctg	aacagctaga	ccagcttatt	480
gaagctctta	attctagagg	acatagagaa	agtgccttaa	aagaaaacttt	gttacaagag	540
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<210> 3762
 <211> 2384
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2385)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2385)...(949)
 <223> similar to gi3493591 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gaaaattata	ggcagctttc	tatttatcct	ttaaaggaaa	tatgtccttag	atggaaagaa	180
tataaagtag	taaagcaaaa	gttaacctag	gggaaacttt	ttcaccaaca	gattatctag	240
acatcaattc	ataatgcact	gggagatcta	tagtatatac	cacatgggtat	atttagggta	300
cacagctcta	taggatttga	gatggctgct	cacagcagga	gcttaaagaa	agatatggaa	360
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<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (2)...(3395)
 <223> similar to gi3327214 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3764

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cgtagaagac	gccctcacct	atctggacca	ggtgaagatc	cgctttggca	gcgaccctgc	180
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tggagtcac	agacgtgtct	cgcagctctt	ccacgagcac	cctgacctca	ttgttggtatt	300
caacgctttt	cttccccctg	gatatagaat	agacattccc	aagaatggca	agttaaacad	360
acagtcgcct	ctgacaagcc	aggagaattc	gcacaaccac	ggggacggtg	cagaggactt	420
caagcagcag	gtgccgtata	aagaggacaa	accccagggtg	cccctggagt	ccgattccgt	480
ggaattcaac	aacgccatca	gctatgtgaa	taagattaaa	acccgcttcc	tagaccaccc	540
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```
<210> 3765
<211> 1507
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1377)...(1128)
<223> similar to gi2580578 in the genepept database release 114.
```

Run with FASTXY 3.3t00, default parameters

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accagggcct gcaccccatc caccagcgcc acatcactat gccacaagc gtccccacgc 180
agcaggtcct tggcctggcg gaacccaaga ggaagtcctc gctcttctgg cacaccttca 240
acaggtcac ccccttcgag aatgaaaac aggaggctgt gcttccatgg agctgggtgt 300
caagagaaga actgtctttg tttcttgggt gcttcaatcc agggaaagt tcttggaccc 360
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attataaaaa gctcattttac tgtaatatat atgatacaag gaatatgaaa atgcactggt 1500
cagaagg 1507

<210> 3766

<211> 5771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5772)...(2990)

<223> similar to gi577313 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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tatttactgt gtcagaagat tttaaaaagt caaatagttt ataatacaaaa tgaattgtgt 180
ttaacttgat acttatatgg aataacttca gcattataaaa taaaaaccca aaacaaacac 240
catttaaatt tgagttctga tgaaatgcat ttgtaataca attttggttaa aaatttttaa 300

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gagaagcggg a 5771

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<210> 3767
<211> 562
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (6)...(494)
<223> similar to gil066818 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3767
ccagtagctg ccaggctgtc tgctgtgacc ccagcccttg tgagccaact tgctcagagt 60
ctagcatctg ccagccagct acgtgtgtgg ctctggtctg tgagccagtt tgcctccgcc 120

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ctgtctgctg	tgttcagagc	tcgtgcgagc	caccttctgt	ccccagcact	tgccaagagc	180
cttcttgttg	tgtctccagt	atctgccaac	ccatctgctc	tgagcccagc	ccctgctcac	240
cagctgtctg	tgtgtccagt	ccatgccaac	ctacttgcta	tgtagtcaag	cgctgtcggt	300
ctgtctgccc	tgagccagtt	tcttgcccat	ctacctctg	ccgacctctt	tcttgcaagc	360
cagggctctc	tgcattctgcc	atcccagacca	acttgctcta	ggacttttcta	catacccagt	420
tccagcaaac	ggccttgagc	tgttacgatt	tcttaccgcc	cggtctcccg	tccgatctgc	480
cgcccaatct	gctctggact	cctcacctat	aggcagccat	acatgacatc	catctcctac	540
cgctctgcct	gctatcgccc	at				562

<210> 3768

<211> 1287

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1280)...(588)

<223> similar to gi4176500 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3768

cttaaatagt	atttggttaac	tgtgatctgc	atacacttat	ataagcagaa	ttatgagtta	60
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tgccattaaa	tagccaggag	gctagacagc	attaaagttt	cccttctctg	atcttctggt	180
ccttcagtac	aaactgagaa	ttttgaaact	atttggtgat	cccagtcttt	gggggagggg	240
taatatcaca	aaacctccat	gagaacaatg	ggctcagggtg	gaagactttg	aagactaaaa	300
ggcttacagt	taaggtagaa	ttatcactag	tagatcttag	ggaaatagga	atgcaaccag	360
aatcactcaa	tttatattat	agaaagcaag	attcattaaa	tcatttctct	tttagaaaaa	420
tatctttaac	tgttatattt	tcaaatgttc	ttttttaaag	aacatataaa	attaagatat	480
ttgtgaaaat	aaacatttca	gatatacttg	tttctcttca	tttttccctt	ttcaatggaa	540
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atctttttta	ttgtttcttt	tcatactctg	aaaaaagggtc	ttcttcattg	gttgtagtag	660
atgtaaaatc	atagtctctg	gaatgaccat	ttacaaaagt	aaataaggga	tatttctcct	720
tagaagaaaa	tttcagcatc	ttgggtgattt	cttcagaagc	tcgtttgaag	tcctgaacat	780
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actgttttag	tttgccacca	ataataccca	cacaatattc	caggcttaaa	atacccttca	1020
caaattctaa	gtagtcgggtg	ttgggttcttt	ctccaccaag	tctaacagga	actagaataa	1080
taacagcttt	gtcatctgca	ttatcagaag	tcattggaagc	actctgttta	tcaattacat	1140
cagaattgta	aactgtacaa	tcttggtgcaa	cataaatagt	tattccttgt	aaatcaggat	1200
gccttgcttc	ttcaactgct	tttcttaaaa	tgtgagcaac	cacagctgag	accataccaa	1260
tctcctgctt	ttttcccgaga	cttctttt				1287

<210> 3769

<211> 1706

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1631)...(602)
 <223> similar to gi4928044 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3769

cttgccccgc	gttatgactt	tgattacccc	agcttggcac	gaggcctcgt	gccatttttt	60
ttgctccaca	aatgtttaat	ttattaagt	tgccagggtg	tactgctaac	tcattgcatt	120
ttaatttttc	tctagatact	caaatagcta	agcaaataag	ggtacatgcc	agtctttctt	180
cttttataca	caacagacaa	aagtgttggg	gggctagaca	ccaaccagct	atttttttcc	240
cctggaacca	gatcatcata	ctgctgagtt	ccttcaaacc	atcaaagtac	agccttcctt	300
ccaatgttgc	ataatctgtt	caaaatcaca	gtataaatac	aaagttcttc	catccatttt	360
acaaaaccag	caaaactcta	caataaaatc	ctacaggaaa	aagtagacca	atctcattta	420
caaacagcat	tttaacagta	attattaaat	gttacaaaac	ataagataca	aaatctaaat	480
ccttaaagtc	acacgatttc	tacagaaata	agaccctcgc	cccacccata	ttacttatga	540
ctcaggacag	tagttcgtcc	tcacggggac	ccactggcca	acttttcacc	aaccctcacc	600
agaggtggat	gccggcccta	gcactggccc	tggccctcat	actggcttca	gctctggcct	660
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gcggttcctt	cttatgcagt	ttggccacga	accccaggac	ttccatcttg	ctgatttcca	780
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caataacgta	tttcaccatc	tccgagcgtg	tgatgggact	cttcttcttg	tctttcacca	1260
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tgacggcggg	agtacaagga	gcaatgcgca	gcgggaagct	tggtggctgc	tgggccgcac	1680
cgcacgggag	tcataactgc	ggccgc				1706

<210> 3770
 <211> 2172
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (2)...(1545)
 <223> similar to gi3046745 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	3770					
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agcaccctgc	agccctgctc	ggggccccga	acgctcccgc	cagcgcttcc	gaggcttccg	180
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caaacaccag	agaaccacaca	ctggggagaa	gccctatgga	gtgtgatgac	tgtgggaaga	1140
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attgggggtgg	gg					2172

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<210> 3771
<211> 1715
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (278)...(58)
<223> similar to gil519392 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<400> 3771

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ttcaagca	ataaacagt	gtgaacaa	ggtctctgt	tttcctaagg	cagacgaacc	180
ctgcggcct	ccgcagtgt	tgtgtccct	ggtacttgag	attagggagt	ggtgatgact	240
cttaaggag	atgctgcct	caagcatct	tttaacaa	cacatcttgc	accgccctta	300
atccatttaa	ccctgagt	acacagcaca	tatttcagag	agcacggggt	tgggggtaag	360
gtcttagatt	aacagcat	caaggcagaa	gaatttttct	tagtacagaa	caaaatgaag	420
tctcccatgt	ctacttct	ctacacagac	acggcaacaa	tctgatttct	ctatcttttc	480
cccacctttc	ccccttttct	attccacaaa	accgccatcg	tcatcatggc	ccgttctcaa	540
tgagctgttg	ggtacacctc	ccagacgggg	tgggtggcgg	gcagaggggc	tcctcacctc	600
ccagacgggg	cggccgggca	gaggcgaccc	cccacctccc	ggacggggcg	gctgccgggc	660
ggagactctc	ctcacctccc	agacggggcg	gcagggcaga	ggtgctcccc	acatcccgga	720
cgatgggcgg	cagggcagag	acgctcccca	catctcagat	gtgatggcgg	ccgggaagag	780
gcgctcctca	cttcctagat	gggatggcgg	ccgggcagag	acgctcctca	ctttccagac	840
tgggcagcca	ggcagagggg	ctcctcacat	cccagacgat	gggcggccag	gcggagacgc	900
tcctcacttc	ccagacgggg	tggcggccgg	gcagaggctg	caatctcggc	actttgggag	960
gccaaaggcag	gcggtctgga	ggtggagggt	gtagcgagcc	gagatcacgc	cactgcactc	1020
cagcctgggc	accattgagc	actgagtga	cgagactccg	tctgcaatcc	cggcacctcg	1080
ggaggccgag	gctggcggat	cactcgcggt	taggagctgg	agaccagccc	ggccaacaca	1140
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aggggtgagt	tatagctcaa	taaagctgtt	aacaacaaaa	caaaaatgcc	ataccaaaaa	1500
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atggggctac	tggcccttag	gcaaggctct	gagattatcc	taaaattatg	gatttagagt	1620
atttaatgac	ttttctgaag	aattcttaga	attcatctac	taagcaaata	accattcatg	1680
tagttatgat	gtagtcattg	tcaattttta	caagg			1715

<210> 3772

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (719)...(325)

<223> similar to gil63673 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3772

ggcgcggggg	cccttttttt	ttttttgacc	ttggataagt	ttattaacct	gttttataaa	60
tctgtattca	cacagatata	aagtgcctag	cccatcacag	cagagctctc	cgtagctcag	120
tggttgttcc	aataagacat	cagggattct	tcagaagcca	gccttcagac	ctctcactgt	180

gttttgagat	cattattatc	aatttgatt	taaaaaaca	gggtcctgta	aaacccttga	240
agtcttcctc	atctcaggtt	ttagggatgc	cacttgcata	aaaatgagtg	gttcacaagg	300
tactgcccc	cagaagcagg	cactggaaag	aaacaggcag	ctcttcatta	tcccaagcag	360
aacctctgtc	aacttgccca	ttgatgggtt	ccatttgctt	gggcttgga	tcccaaagg	420
gaagaaccac	ctttaccgga	gtaacagtcc	aaagcctggg	gctgcagttg	gtggggcaac	480
tcttcactgt	gcttgtacct	gggtctgggc	aggatcctga	acctctcggg	ggcgtagccc	540
gcggaacgtg	gtcggcttgt	tgggtgaagg	gtgccactgg	ccctggatgc	tagggttgtc	600
ggtgtggaag	ggcttgcgga	tgcggatcac	gtccaagccc	gactggtcgg	ccagcttctg	660
caccagcgtc	gagatctcct	cgaccgactt	gcagtggatg	ctctcctcgc	gcacagcc	718

<210> 3773

<211> 1677

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(910)

<223> similar to gil504042 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3773

atcaagttca	ccgacattca	aggagatccc	gctgtggatc	tatagcctga	agacactgga	60
ggagctgcac	ctgacgggca	acctgagcgc	ggagaacaac	cgctacatcg	tcacgcagcg	120
gctgcgggag	ctcaaacgcc	tcaaggtgct	gcggtctcaag	agcaacctaa	gcaagctgcc	180
acaggtgggtc	acagatgtgg	gcgtgcacct	gcagaagctg	tccatcaaca	atgagggcac	240
caagctcatc	gtcctcaaca	gcctcaagaa	gatggcgaa	ctgactgagc	tggagctgat	300
ccgctgtgac	ctggagcgca	tccccactc	catcttcagc	ctccacaacc	tgcaggagat	360
tgacctcaag	gacaacaacc	tcaagaccat	cgaggagatc	atcagcttcc	agcacctgca	420
ccgcctcacc	tgccttaagc	tgtggtacaa	ccacatcgcc	tacatcccca	tccagatcgg	480
caacctcacc	aacctggagc	gcctctacct	gaaccgcaac	aagatcgaga	agatccccac	540
ccagctcttg	tactgccgca	agctgggcta	cctggacctg	agccacaaca	acctgacctt	600
cctccctgcc	gacatcggct	cctgcagaac	ctccagaacc	tagccatcac	ggccaaccgg	660
atcgagacgc	tccctccgga	gctcttccag	tgcgggaagc	tgcgggacct	gcacctgggc	720
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aagcgcagcg	gcttgggtgt	ggaggaggac	ctgttcaaca	cactgccacc	cgaggtgaag	900
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gccagagcga	gaggacagta	tctgtggggc	tggccctttt	tctccctctg	agactcacgt	1140
ccccagggc	aagtgttgt	ggaggagagc	aagtctcaag	agcgcagtat	ttggataatc	1200
agggctctct	ccctggaggc	cagctctgcc	ccaggggctg	agctgccacc	agaggtcctg	1260
ggaccctcac	tttagttctt	ggtattttatt	tttctccatc	tcccacctcc	ttcatccaga	1320
taacttatac	attcccaaga	aagttcagcc	cagatggaag	gtgttcaggg	aaaggtgggc	1380
tgccttttcc	ccttgtcctt	atttagcgat	gccgcccggc	atttaacacc	cacctggact	1440
tcagcagagt	ggtccggggc	gaaccagcca	tgggacggtc	accagcagtg	gccgggctgg	1500
gctctgcggg	gcggtccacg	ggagagcagg	cctccagctg	gaaaggccag	gcctggagct	1560
tgcctcttca	gtattttgtg	cagtttttagt	tttttgtttt	ttttttttta	atcaaaaaaac	1620
aatttttttta	aaaaaaaaaa	gctttgaaaa	gggatgggtt	gggttttttaa	aaaaaaa	1677

<210> 3774
 <211> 1709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> similar to gi2289790 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3774

ggacagtcct	tggggtacat	tctctatgag	accagcatca	cctcgtctgg	catcctcagt	60
ggccacgtgc	atgatcgggg	gcaggtgttt	gtgaacacag	tatccatagg	attcttggac	120
tacaagacaa	cgaagattgc	tgtccccctg	atccagggtt	acaccgtgct	gaggatcttg	180
gtggagaatc	gtgggcgagt	caactatggg	gagaatattg	atgaccagcg	caaaggctta	240
attggaaaatc	tctatctgaa	tgattcaccc	ctgaaaaact	tcagaatcta	tagcctggat	300
atgaagaaga	gcttctttca	gaggttcggc	ctggacaaat	ggagttccct	cccagaaaca	360
cccacattac	ctgctttctt	cttgggtagc	ttgtccatca	gctccacccc	ttgtgacacc	420
tttctgaagc	tggagggctg	ggagaagggg	gttgtattca	tcaatggcca	gaaccttgga	480
cgttactgga	acattggacc	ccagaagacg	ctttacctcc	caggtccctg	ggttgagcag	540
cggaatcaac	caggtcatcg	tttttgagga	gacgatggcg	ggccctgcat	tacagttcac	600
ggaaaccccc	cacctgggca	ggaaccagta	cattaagtga	gcggtggcac	cccctcctgc	660
tggtgccagt	gggagactgc	cgcctcctct	tgacctgaag	cctggtggct	gctgccccac	720
ccctcactgc	aaaagcatct	ccttaagtag	caacctcagg	gactgggggc	tacagtctgc	780
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tgcccttgca	ccggacgtca	cagccctgcg	agcatctgct	ggactcaggc	gtgctctttg	1020
ctgggttcctg	ggaggcttgg	ccacatccct	catggcccga	ttttatcccc	gaaatcctgg	1080
gtgtgtcacc	agtgtagagg	gtggggaagg	ggtgtctcac	ctgagctgac	tttgttcttc	1140
cttcacaacc	ttctgagcct	tctttgggat	tctggaagga	actcggcgtg	agaaacatgt	1200
gacttccccct	ttcccttccc	actcgtctgt	tcccacaggg	tgacaggctg	ggctggagaa	1260
acagaaatcc	tcaccctgcg	tcttcccaag	ttagcagggtg	tctctggtgt	tcagtgagga	1320
ggacatgtga	gtcctggcag	aagccatggc	ccatgtctgc	acatccaggg	aggaggacag	1380
aaggcccagc	tcacatgtga	gtcctggcag	aagccatggc	ccatgtctgc	acatccaggg	1440
aggaggacag	aaggcccagc	tcacatgtga	gtcctggcag	aagccatggc	ccatgtctgc	1500
acatccaggg	aggaggacag	aaggcccagc	tcagtggccc	ccgcccccca	ccccccacgc	1560
ccgaacagca	ggggcagagc	agccctcctt	cgaagtgtgt	ccaagtccgc	atttgagcct	1620
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ataaccttga	atcccaaaaa	aaaaaaaaaa				1709

<210> 3775
 <211> 1473
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (89)...(1363)

<223> similar to gi902624 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3775

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ggtaggcgg	tggacctgga	agaaggacga	ctaccagaag	gtggtgtgca	acaacgagca	120
ctgccccctgc	agcacctgga	tgcacctgca	gtgcttctac	gagtgggaga	gcagcatcct	180
cgtccagttc	aactgcatcg	gccgcgcgcg	cacgtggaac	gagaagcaat	gccgccagaa	240
catgtggaca	aagaaggggc	tacgacctgg	gccttccgct	tctgctcttg	ccgctgtggc	300
cagggcaact	tgaagaagga	cacagactgg	tatcaggtga	agcggatgca	ggacgagaaa	360
aagaagaagt	ctggctccga	gaagaacaca	gggaggcctc	ctggtgaggc	ggcggaggag	420
gcaaaaaagt	gcaggccccc	aaataagccc	cagaaaggcc	caagccacga	cctcccccg	480
cggcattcca	tggaccggca	gaactcccag	gagaaggcag	tgggtgccgc	agcctacggt	540
gcccgttccc	ccggtggctc	cccgggccag	tccccaccca	cgggctactc	catcctctct	600
cctgcccact	tcagcggccc	ccgctcctcc	agatacctcg	gggagttctt	aaagaacgcc	660
atccatctgg	agcctcacia	gaaggccatg	gctggggggc	atgtgttcag	aatgcccac	720
tttgattaca	gccctgcggg	gttggcagtt	cacagggggg	gacacttcga	cacccccgtg	780
cagttccttc	ggcggctgga	cctctccgaa	ctcctcactc	acatccccag	gcataagctg	840
aacacttttc	acgtgcgcac	ggaagacgat	gcccaggtgg	gccaggggga	agacttgccg	900
aagttcattc	tggccgcgct	cagtgccagc	cacagaaacg	tggtaaaactg	tgccctgtgc	960
caccgggcgc	tcccgggtgtt	cgaacagttc	ccactggtgg	atggaaacttt	gttcctaagc	1020
ccgtcgagac	atgatgagat	cgaatatgat	gttccttgtc	accttcaagg	gagactcatg	1080
catctgtatg	ccgtgtgcgt	ggactgcctg	gaaggggttc	acaagatcat	ctgcatcaag	1140
tgtaagtcac	ggtgggatgg	cagctggcac	cagctgggca	ctatgtacac	ctacgacatc	1200
ctggtgcct	ctccatgttg	tcaggcccg	ctgaactgta	agcactgtgg	gaagccggtg	1260
atcgacgtga	ggatcgggat	gcagtacttc	tccgaatata	gcaacgtcca	gcagtgtcca	1320
cactgtggga	acctggacta	ccacttcgtg	aagccatttt	cctccttcaa	agttctcgaa	1380
gcttattgat	gaaagctttg	ctttagtaat	agctatttta	ttgatattat	tactttatta	1440
catatctttt	atagggaac	catctcaata	aac			1473

<210> 3776

<211> 2039

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (103)...(994)

<223> similar to gi1791257 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3776

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cccagacaga agagaccacg gtaaagatca gctgacggcc tctgtgggaa caaagacagg 60
gaaaggggaa atgagttcac cagaaaccaa caggcagcac aggaggtggt aaacccgaaa 120
aagaaaatga agaaaaagaa atacgtgaat tctggcacag tcacctgct ttcctttgct 180
gtggagtcag agtgacactt ccttgactac atcaaaggag ggaccagat caacttcaact 240
gtggccattg atttcaactgc ctccaatggg aaccctcac agtccacatc cctgcactac 300
atgagccct accagctgaa cgcctacgcg ctggcgctga ctgccgtcg agagatcatc 360
cagcactacg acagtgacaa gatgttccct gccctgggct tcggggccaa gctgcccccg 420
gatggcagag tgtcccacga gttcccactg aatggcaacc aggagaaccc ctcatgctgc 480
ggcatcgacg gcacccctgga ggccctaccac cgcagcctgc gcaactgtgca gctgtacggc 540
cccaccaact ttgcccccggt ggccacccac gtggccagga atgcagcggc cgtgcaggat 600
gggtcccagt actcgggtgct gctcatcatt actgatgggg tcatctcgga catggcgcag 660
accaaggagg ccattgtcaa cggttgccaa gctcccatg tccatcatta tcgtcggcgt 720
gggccaggca gagttcaacg ccattggtga gctggatggc gacgacgtgc ggatctcctc 780
ccgggggaag ctggctgaac gcgacatcgt ccagtttgta cccttcggg actatgtgga 840
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ccctgaccaa ctggtgtcct acatgaaggc acagggcatt cgcgcgcgtt cccacccgc 960
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cacgcacatc tgaacctggt ctacgcaggc aggtggctgg ggccctgggag aggccagggtg 1080
aatgggaggc cagggcccca gactccccga agttggcctg cccggccttt gggacatctg 1140
tgtgcctggg aggtgcagc ggggtggggc ttctgaagac ccctcctcaa tttcttgcc 1200
tcacttattg cccaaacca gggagttagg ggggtacggg tgaaagaggg gtacacaggg 1260
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cctgaagcct gggttgccc tcctccagcc ccccatctcc gtcccatcct cccatggtgt 1440
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catgaagctg atgggtttgc aggaaggcct gaacatgtgc accctccag ggacactgga 1560
tgcgctggga gcccgggga ccccatggg tgctgtaate atggaccgta ggccatgtga 1620
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cgatgcaagt tctagacaca cagatggcct gtggaggcct ctccctgggtg tgggcccaca 1740
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gggccctcgg tggccagcc tctgcccac tggaggcctg agtaaggagt ggctcaaccc 1860
cacgttccca cactgctcct gctctttgcc ctgtatccca tgaggctagg agacaggagt 1920
cctgggtttg agccctgcct cccccactg cctaattgtg gaaccaagc aaggcccttc 1980
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```

<210> 3777
 <211> 1324
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (397)...(912)
 <223> similar to gi3327046 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3777
tttccgggtt tttattaatg cttattgctt ggtaatggtg tagtgttttg ttttaacagg 60
atttggggat gacagagcta agggcctttt tcaattttcc acttttaacc agaagacacg 120
gctataaaac aaaacaaaac atgattttca cggagaaaac tgaaaggaaa ttggttaaat 180

```


tggccactcg	caggagaagc	actatccttg	cagcccttgt	ggttcccatg	atcagtgggtg	1080
aaatatagtg	attttcacct	gtgcttccat	tctgaagttc	tggaaagaag	tactggatgg	1140
actgaagtcc	aggacaacgt	cccaaagaaa	ggcagagtcc	aggtaggctt	ggaggaccaa	1200
gccctggatg	agcactggag	ggcagaggcc	tcagtgtcca	gcactgtgcc	ctgcacatgg	1260
aaagccccta	cgtttgtgga	atgaatgaat	aataaaaatg	ttttcataag	tgataaaaaa	1320
aaaaaaaaag						1330

<210> 3779
 <211> 3274
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3262)...(1117)
 <223> similar to gi505033 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3779						
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tatgtgagct	aggaattttc	tgactagcac	caatacagat	tgtaacagcg	caacagacta	180
gaacatggcc	agtcaggca	ttagagttaa	ggacattgtg	gcaaatacatg	atcataatga	240
agtcattctt	aatttagtag	atattaaaa	tgcacgttaa	ttatatctct	taaaggcatt	300
taattaacgc	agagattgct	acattttaagc	catctgctag	ttgtgagtag	tttttaaaaa	360
actgtacaat	tttataaaa	ttgtgttttt	acattagtta	cacaaaatgc	atacttcata	420
gaactttact	tcatattgta	atgcaaagag	ttgcatattt	taggcagaca	gtgattatgc	480
tgggtgaatac	taaaagtgtg	atacaatatg	gtgtaaaaa	aaaaacacga	gacaatatac	540
ataacatgct	tattcaagga	caaaaacaaa	tcaagcacga	cggactaata	gcattttcct	600
tcaaggtcaa	acacaatgac	attactaaat	atcaggcctc	ctgcatgcct	gattttatttg	660
ggggtagggg	gaggaattaa	atggctacca	gaagtaggat	atttttaaac	atgatataca	720
attaaacata	cattaaatca	catgcattag	acatgataaa	tagagtccat	ataggttaag	780
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aatcagtgat	ggtttgttcc	tgatttgccc	actatttcag	ttttcaattc	atggccctaa	900
ggaatgtgtg	ccaaattcaa	gtttattata	tcataacatg	atagattaat	agtcgtgctt	960
gttttagtgca	catattaact	ggtctggtaa	ggcaaagaag	ttttcatgat	aaaatgataa	1020
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atggccgtgg	agtttcaat	aacagtattt	ctattcacac	ccaaccactg	gtaagtttgt	1140
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agccaccaat	gaattcatga	accactttgc	aatctacttc	agtacaaatg	aaggacaatc	1260
gtacttcac	tgcaaaactc	acggtgacca	ttttgatttc	ccagttgaca	ttccactggt	1320
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gaagccagat	ttcattcatg	ccttctgcaa	ctggaatcag	gagtttaatg	ttaaattttt	1860

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gtgtgccact	ggattcttct	ttgctcttat	aacaagaaat	ggatgtgtct	ttgaagggtgc	1980
accaatattg	tttgtaacct	ttcagagtca	gcttttttgg	cttgaaaact	ttaatgtagt	2040
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gagtaatctc	cagggtctgaa	agggcagcat	caacttcac	aacttctttg	tactgtttgt	2160
tcaaattgatt	ctctgatgtc	atgattgaca	gcttattgat	atgatactgc	agggctgcaa	2220
acatcatcat	ttcttcttct	gtgcattcaa	tctcttccag	gagaatggcc	catttggcct	2280
gtcataaaag	ctgattgatt	ctgattgcat	catacttttg	attcaaataca	aaaaagctgt	2340
aataacttgaa	tcggaagcagc	aaggcctcat	tttccctcac	atcttgttcc	atgagagatc	2400
ttgaggaatc	aagccatcct	tggttgattt	ttgctttatc	aagaagagct	tgaggcttga	2460
acattttttgc	caagatttct	ggtgacgtga	ttggttgact	gacagcaagt	ataccaggat	2520
tgcttctga	caaagcactg	tcaccaaacc	aagcagaagt	tggtgacaag	gggcttccat	2580
catgagcatc	ataagtgggg	gtcattgttt	tactatacac	tcctgggctt	gaatatatac	2640
ttctgatcc	aggagtgata	agaggccccct	ctaattcaag	tgctcatct	tcagactggt	2700
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cttcgggggtg	tctgatatta	aaagtcttac	agatgtcaga	aacagctttg	aagactctat	2820
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tgtgtgagg	ggtgaactga	agcttagcat	ctgcctgaat	accatactta	tctaagggtcc	2940
aatgtgtctt	cagaagccaa	gttctcttct	tttcccacca	gagagcatgg	tcagaccaat	3000
cttttttttac	atcgagtttc	ttccaccagt	taagcatcac	gcctccaatg	tgcacctcgc	3060
cggtcactct	cagggtgaca	tcgcggttca	ggtcogtcac	atggcacctc	agttcccacg	3120
tcccgctccgc	gtagcagcca	tctggcatcc	ttatcccgtc	cagagccatg	gtctctcccg	3180
cgcgctccta	gcgctccggg	cccgggactc	gcgcggcaac	aggcgagggg	ctggaggctc	3240
gcggggcggc	ggtgtccgcg	tcgcgccggg	aatt			3274

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<210> 3780
<211> 1891
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(943)
<223> similar to gil234793 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	3780						
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ttcattatgc	catctatgga	tttttaaaaa	tgagtgcacac	cctagcagtt	tacatctttg		180
aagagaacca	tgtggttcaa	gagaagatct	ggtctgtggt	ggagtcccca	aggggtgttt		240
ggatgcaagc	tgaaatcacc	tttaagaagc	ccatgcctac	caaggtgggt	ttcatgagcc		300
tatgcaaaaag	tttctgggac	tgtgggcttg	tagccctgga	tgacattaca	atacaattgg		360
gaagctgctc	atcttcagag	aaacttccac	ctccacctgg	agagtgtact	ttcgagcaag		420
atgaatgtac	atttactcag	gagaaaagaa	accggagcag	ctggcacagg	aggaggggag		480
aaactcccac	ttctacacac	ggaccaaaag	gagatcacac	tactggggta	ggctactaca		540
tgtacattga	ggcctcccat	atggtgtatg	gacaaaagac	acgcctcttg	tccaggcctc		600
tgcgaggagt	ctctggaaaa	cactgcttga	cctttttcta	ccacatgtat	ggagggggca		660
ctggcctgct	gagtgtttat	ctgaaaaaag	aagaagacag	tgaagagtcc	ctcttatgga		720
ggagaagagg	tgaacagagc	atttcctggc	tacgagcact	gattgaatac	agctgtgaga		780

cgctgaagaa	acagagatgt	ggaggcaggg	gtgacctgtc	ccagctctag	gacagttact	1140
caagagggct	agtctggaac	cctgatgtct	gttaccagcg	gccatggctc	agctacagt	1200
aaccttgaag	tgtccccaga	tacgtcagac	accgaggggc	ttgctttctg	aggctcagta	1260
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cggtagggct	tctcgcccgt	gtggatccgc	tggtgcacag	tgaggaggga	gttcttgatg	1560
aaggacttcc	cgcactggcc	gcacctgtac	ggcttctcgc	cggtgtggat	ccgctgggtgc	1620
tcgatgaggt	aggcgctctg	gctgaaggcc	ttgccgcact	cgccgcacac	gtagggcttc	1680
tcccgggtgt	gcacgatctg	gtgcacgatg	agggacgagc	gccccgtgaa	gtgcttcttg	1740
cagatgtagc	actcgtaggg	cttctgcocg	gtgtggatgc	gctggtgctg	cgtgagcgag	1800
gagttcttgc	tgaaggcctt	gccgcactcg	ctgcactcga	aagcttcacg	ccgatgtgga	1860
agcgctggtg	ctggatgagg	taggagctct	ggctgaaggc	cttgtccga		1909

<210> 3782

<211> 1638

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(1336)

<223> similar to gi4877759 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3782

ggtgctgcct	ctgggtgtgcc	ccagacggga	cctggcaggg	aggtggcagc	cacccggccc	60
aagaccacca	agtcggggaa	ggcgtggcc	aagactcggt	gggtggagcc	tcaaaatggt	120
gtggcagcag	ctgctgccaa	ggccaagatg	gccacgagca	tccctgagcc	ggaggggtgca	180
gctgctgcca	ctgctcagca	cagtgtctgag	ccctgggcca	ggatgggagg	caagaggacc	240
aagaagtcca	agcacctgga	tgatgagtat	gagagcagcg	aggaggagag	agagactccc	300
gcggtcccac	ccacctggag	agcatcacag	ccctcattga	cggtgcgggc	tcagttggcc	360
cctcgcccc	cgatggcccc	gaggtccag	ataccctcaa	ggcacgtact	gtgcctgccc	420
ccccgcaacg	tgacccttct	gcaggagagg	gcaaataagt	tggtgaaata	cctgatgatt	480
aaggactaca	agaagatccc	catcaagcgc	gcagacatgc	tgaaggatgt	catcagagaa	540
tatgatgaac	atttccctga	gatcattgaa	cgagcaacgt	acaccctgga	aaagaagttt	600
gggatccacc	tgaaggagat	cgacaaggaa	gaacacctgt	atattcttgt	ctgcacacgg	660
gactcctcag	ctcgccctct	tggaaaaacc	aaggacactc	ccaggctgag	tctcctcttg	720
gtgattctgg	gcgtcatctt	catgaatggc	aaccgtgcc	gcgaggctgt	cctctgggag	780
gcactacgca	agatgggact	gcgccctggg	gtgaggcacc	cattcctcgg	cgatctgagg	840
aagctcatca	cagatgactt	tgtgaagcag	aagtacctgg	aatacaagaa	gatcccaaac	900
agcaaccac	ctgagtatga	attcctctgg	ggcctgcgag	cccgccatga	gaccagcaag	960
atgaggggtc	tgagattcat	cgcccagaat	cagaaccgag	accccgggga	atggaaggct	1020
catttcttgg	aggctgtgga	tgatgctttc	aagacaatgg	atgtggatat	ggccgaggaa	1080
catgccaggg	cccagatgag	ggcccagatg	aatatcgggg	atgaagcgct	gattggacgg	1140
tgagagctgg	atgacataca	agtcgagctc	ctgacctggg	atgaggacgg	agattttggc	1200
gatgcctggg	ccaggatccc	ctttgctttc	tgggccagat	accatcagta	cattctgaat	1260
agcaaccgtg	ccaacaggag	ggccacgtgg	agagctggcg	tcagcagtg	caccaatgga	1320
ggggccagca	ccagcgtcct	agatggcccc	agcaccagct	ccaccatccg	gaccagaaat	1380

gctgccagag	ctggcgccag	cttcttctcc	tggatccagc	accgttgacg	aactgcagcg	1440
atcttactgg	ccaagccaga	gcgcctcctc	tcagattcct	tctcgacaca	gcaccctagg	1500
cggtcttctc	ctgtcagtcg	gaggtggcat	gcaagatgaa	gctctctttg	ctcttctctgc	1560
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gcaaaattaa	aaaaaaaa					1638

<210> 3783
 <211> 2124
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (280)...(1304)
 <223> similar to gi2804429 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

00459460

<400> 3783						
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ggcgaccaga	cgcatcgcg	cgcacagact	cccgccccgt	gcgagcccc	gcacgaggac	120
gcacgtacc	ctggaatgca	ggctacgcga	tgcattatca	atgcagagaa	atctgaattc	180
aatgaggatc	aagccgcctg	tgggaagctg	tgcattccgga	gatgtgagtt	tggggctgaa	240
gaagagtggc	tgaccctgtg	cccagaggag	ttcctgacag	gccattactg	ggcactgttc	300
gatgggcacg	gcggtcctgc	agcagccatc	ttggctgcca	acaccctgca	ctcctgcttg	360
cgccggcagc	tggaggccgt	ggtggaaggc	ttggtggcca	ctcagcccc	catgcacctc	420
aatggccgct	gcattctgcc	cagtgaacct	cagtttgttg	aggaaaaggg	catcagggca	480
gaagacttgg	tgatcggggc	attggagagt	gcctttcagg	aatgtgatga	ggtgatcggg	540
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cagggaaaag	tgtacatggc	caatgctggg	gatagcaggg	ccatcttggt	gcgagagat	660
gagatacggc	cactgagctt	cgagttcacc	ccagagactg	agcggcagcg	gatccagcag	720
ctggcctttg	tctatcctga	gcttctggct	ggtgagttca	cccactgga	gttccctcgg	780
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tggagctaca	aacgtgtgga	gaaatcggat	ctcaagtacc	cactgatcca	tggacagggt	900
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agagtccctg	acacaaacat	ccagctcaag	cccttcttgc	tctctgtgcc	acaggtgact	1020
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ggtgtcctac	gatgacgtct	ctgtgttcgt	gattcccttg	cacagtcagg	gccaagagag	1320
cagtgaccac	tgaggattca	gacactgtat	cccagaactg	ctctagtgcc	cgggtgtggt	1380
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cagtgcagagc	tggaaagtgt	tggagagccc	agcccaccag	gtcctgcctt	ttgcggtgat	1560
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gttatcaggg	catgtgttca	acaaccccc	aagtccacgc	aggtggcttg	tagaaacctt	1800
tgggcagcct	catgtctgct	aaaacagcca	tcttcaagac	agcccctgaa	aagagaccag	1860
ttcaggtcct	gccctgctgt	tctttgctgg	agatgaggaa	caggtgctgg	ggctaaagtt	1920

tggggtagag	cacaagggac	aagaggaact	cttggagttg	gctgggtgag	agggctctcc	1980
atttgctacc	tgtagtagcc	tgccctctta	ctgggttgctt	ctccctagtt	ccagccctgc	2040
cctggtctga	tgccccaaca	ctgcccttgc	tttgttttcc	ctgtcacctc	cctattatta	2100
aatgttttct	acagaaaaaa	aaaa				2124

<210> 3784
 <211> 2042
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2044)...(1169)
 <223> similar to gi5578968 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3784						
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ttaaatattt	tgcttggtga	gctattctca	aatgtagcac	attttaagat	tttgccatca	180
ttatgactgt	ggaatcattg	tttggttttc	atagggaaac	agatctgtca	cagtatgaag	240
ctttgtttat	tttaaggaaa	ctggtacaca	attacatttc	cacttacaag	aggaacgcca	300
cagaatataa	ctaaagggca	ggcttcgatg	gctccacaaa	gggttgcggtg	cgggtaccaa	360
ccccacacct	cctggcttcc	ccgttcggca	ccgccctggc	cagggttcac	atgggtttca	420
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tgcggtggcag	cctcatcaaa	agcattttcta	tttcatttgc	agatatcttg	gagtcagct	600
gctgcatgta	tgaccaaaga	tattctatgt	tggctccaaa	aggatggacg	tgaagaaacg	660
ttgatatgat	acatatttagc	agagcttctt	tctctgattt	taagccttgg	cttcttttct	720
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aatcctcatg	gctgtggcca	ttgggtctcga	ccaattcctt	ggtacctttt	aattgttctt	840
gcaggacttt	tagtaacgct	tgtgtatggg	actgctcttc	ctttgcttgt	tccaattctg	900
actttttgtt	gtttaactcc	tcctggatgg	ttagcaattg	ctgctgcatg	ccttgcatgg	960
tttgctgcag	aaactgcagt	tgctggctct	tggtagaggt	ttcttctgtt	cggaaaagct	1020
gttctttttc	ttgtttcagc	agctccacct	cattcctgta	ggcatccagc	tgccagcgga	1080
gactgtcatt	ctcctctttc	agagcgtagg	cctgggcagc	cagggctgat	tcacgcactc	1140
tcatttttct	tgtagggctg	tcacagttct	catcatcaga	catttccatt	tcttcttcgc	1200
ggcggatgcc	catgagctgc	tcactttgag	cattccggag	ctcctcagaa	tgctttcgc	1260
caaatgtcta	tgttcttgcg	ctgggctttc	gagaaatggt	ccaagcttt	ttgtctggta	1320
gaagcgttga	aaacggccac	aatctgctca	aattgagtga	gaatcccagt	taaggcattt	1380
ttaaaattct	ccttggtctc	ctccatctct	tgctcatggg	tggctttttc	attcattagc	1440
cggcggacgt	ggctgttggc	cgactgcacc	atggaataga	actggtttgc	agcagcgccg	1500
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tcttcttgct	tttccgaatt	gctgtaatat	caccgcactg	ttcaaagact	tcttgaataa	1920
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<210> 3786
 <211> 1122
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (17)...(723)
 <223> similar to gi2696613 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3786
 cgtgtggagg aattcgtcag atctgggtgt catactatca gaattccctc tggccccctga 60
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 ggctgccatg ctacagctg cccctgggtt taccogtct cactcagtg cagaagaagc 180
 tgccctgcgt cgggccctgg aacacacgga tggtgaccac agttctctga tccaggtgta 240
 tgaagccttt atacaaagtg gagcagatga ggcttggtgc caggctcgag gtctgaattg 300
 ggcagcattg tgccaagccc ataaacttcg gggagaactc ctagaactca tgcaacgaat 360
 tgaacttccc ttgtccctac cagccttttg ctctgagcag aatcgagag accttcagaa 420
 agcactgggtg tcaggatact ttctcaaggt ggccagagac acagacggga ctggaaatta 480
 cctactccta acccataagc atgtggccca gctctcctca tactgctgct accgaagccg 540
 cagagctcct ggccagaccc ccaccatggg tggcttttac cacaattttc accatatcca 600
 aagacaactg cctttccatt gtttctgaga ttcaaccaca gatgctggtg gaattggccc 660
 ctccatactt cctgagtaac ttgcctccca gtgagagcag agaccttctg aaccagctaa 720
 gggaagggaat ggcagattct acagcagggg gcaaatcatc cctcagcccc cggagttcag 780
 agatccccctg tgtccctgca gtgaccctgc ctgccctatg gaatggagct gggttcatct 840
 catcacatta gattatccct cagggtgaca ccaaagcacc cagacagatt tagaagccca 900
 aagtttaggg tcaaagttaa accctggaac ctgagtccca agaaatggta gactgggaat 960
 ggaaagaatg gggtaaacca cagtctacat agggaaggac tctttcctta gccttctctt 1020
 attgattgga gagggactga catgctcctc attctcttaa ctttgccaaa cccattcttg 1080
 tactcccttg tgatctataa aagatttttc tatgatgccaa aa 1122

<210> 3787
 <211> 1773
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4)...(360)
 <223> similar to gil537068 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3787

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atcaagtggg	ttaggttctt	caaacctggg	aggattttgg	atctagctct	ggttttggat	120
gcagcaccac	aggggcctcc	acatttgat	ttggaacagc	aaataaaccc	tcaggaagtc	180
ttagtgcagg	ctttggcagc	tcaagtacat	ctgggtttaa	cttcagcaat	cctggcatca	240
cggcatcagc	tggtttgact	tttggggtgt	ccaatcctgc	ctctgcaggt	tttgaacag	300
gaggacagct	ccttcagttg	aagaaacctc	cagctggaaa	caaaagagga	aaaagataaa	360
catgggttga	tgtgttgaga	gaatccatag	cagcacggtt	cattctatga	gtctattttt	420
ctaattgatgc	agtaattaaa	ttgcatccca	ggagatttat	aaaggtttga	tatttttccc	480
tactctggaa	tttgaacttt	cttcatgttt	gccatactga	acatcttttt	tcttgtggaa	540
tttaaagtcc	agctgtgttt	tctttttaat	ttgattctca	gtgtaagaaa	tgttctgatt	600
acatcactga	ttggtaatgg	ttagaaacca	ttaacctaaa	acttactatt	taacctagt	660
tttttggtaa	tgaggtttac	attatgtgaa	tacatgcaca	tttgtttctt	atacaggtgg	720
tgtgaactct	agggcctata	ctagaatcaa	tttgttccct	gttaaaggcc	ttttgaatta	780
tactgcaggg	catcttgtga	atatgtatgt	aaatatatac	agaataatac	acacagttgt	840
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ggtgaaaccc	catctctacg	aaaaatacaa	aaattagctg	ggcatagtgg	cgggtaccta	1020
taatcccagc	tactcgggag	gctgaggcac	gagaatcact	tgaagccggg	aggtgggggt	1080
tgagtgagc	cgagatcaca	ccactgcact	ccagcctggg	caacaagagc	aaaactccgt	1140
ctcaaaaaag	atgaaaataa	aataaaatat	atatttacag	gcctacaact	tttgccctcag	1200
actgttcccc	ttttctaagg	gtattcaagt	tttcaccttt	taagcttcat	atcctcagtg	1260
cttgtagaat	gatgagctta	gaggtagccag	gtcattgcag	ttgtttgctt	aaagacttat	1320
tgaaatggtt	actggcgtaa	atacttggcc	aactcaactt	tattgccctt	gatcttttcc	1380
atttttggtt	ccaccttaac	ctatagcagc	tcctccaaat	gaggaatgct	gtaagtaaga	1440
ctcatcaaac	agatttttaac	catttttatta	tcctgtgtgt	ccttacattg	cttctgtgag	1500
atgttttttt	cttactctgag	atgaactttc	aggagcctat	ttgaactcca	gactggtgtt	1560
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gatattgaca	ccaaatggac	tggcttctca	gcctcttaat	gtcttaagta	agtgtctaat	1740
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<210> 3788

<211> 1854

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (184\bar{4}) \dots (910)$$

<223> similar to gi2507613 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3788

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gggaaagagg	caaagggaga	aggccctgtg	tgggactcaa	acttgctcac	cccttttctg	180
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cctgcctcta	ctttgagact	caattgcttc	cccaggactt	tttttctccc	caagccaaag	300
aatgaaagtt	caatcatccc	agctcagttc	ttatcaagca	ttccagctag	cctatgccag	360

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gtagcggtag tcataccaac agtagggcag tgcattttat attacaactg gtttcttgct 480
ctagtaggct tggggatggg tgaagacgga cagggctggc gcagaccctt tccttctcct 540
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<210> 3789

<211> 1147

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(965)

<223> similar to gi4337086 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3789

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ggaggccctt aggccttgcc acaagggtc ctggtgcagc agcaatcagc tctgcagaga 180
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ttgaaactcg	tgcc					2234

<210> 3791
 <211> 2076
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(843)
 <223> similar to gi4929199 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gataccgccg	cctattgctc	ttctccacac	agatctacaa	tctgggccc	actgactttc	360
gtccaaagac	tggacgcgat	agctgggttt	ggcaccagt	ccacaggcat	taccacagca	420
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<210> 3792
 <211> 1226
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1196)...(466)
 <223> similar to gi254449 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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ttgtagtgat	tcaaccctga	gaacagatgg	ggagtggggg	tggctgtccc	ccatggatgg	360
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<210> 3793
 <211> 5703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5704)...(3551)
 <223> similar to gi3882319 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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agggttatcc	agtgggtgaa	tctcctccgg	cgtgtcggcg	ttgcagtgca	gcacccgggt	5640
ggcgtgatg	atcacaaacg	agttgggtct	atcagggtcg	tcagaggcac	acacagaatc	5700
aat						5703

<210> 3794

<211> 1623

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (2)...(550)
 <223> similar to gi456757 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3794

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gctggagaag	atcaagacca	tcggcagcac	ctacatggct	gcctccggcc	tcaacgactc	180
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gatggaccag	atgaagtaca	tcaatgagca	ctccttcaac	aacttccaga	tgaagatcgg	300
gctcaacatc	ggccccgtgg	tggccggggg	gataggggca	cgaaagcctc	agtacgacat	360
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caggtcacca	cagacatgta	ccaggtgctg	gctgccaaac	cgtaccagct	ggagtgccgg	480
ggcgtggtca	aggtcaaggg	caaaggcgag	atgatgacct	acttcctcaa	tggaggggccc	540
ccgctcagtt	agcagctggt	ggccaatggt	ggccaggcag	cctggcctcc	agaggcatgg	600
aagcagcttc	tctgtgtgcc	gggggtggcg	gggaagccat	gctccagccc	gcagggctgc	660
gctgctgaga	ttttccactt	ggactccaga	gcagcttctg	cctttgtctg	tgggcagcgg	720
cctctgtccc	aggccccggg	gtgccagcgt	cctgcgagca	cccagctgac	caaagatggt	780
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agggggcccc	aggggtctgc	ttttctatgt	gagcctttaa	acttcagaca	ggccaccacc	1020
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gtggtcctct	gcccacacct	ccacgcacac	agacagtgcc	ctaggaggga	aacagaacta	1140
attacgaggg	ggaggcaaga	ggacgccaa	caaggagtgg	tgattctgag	aaaaatattt	1200
attaaataaa	acaaaacaag	ttctccgtgc	ccttcttttag	actatgctag	ttgtatgcgt	1260
gtaagagaca	cacaagcaaa	cgaggacgcc	actcgggggg	agggcgggga	tccccacttg	1320
tcttttttgt	attttttatt	ttgtattatt	gaaagccttg	gagatctcac	agatagatat	1380
gccaaattct	atattttgta	aattctctat	attagaaaac	agctgtgcac	agcagggcgg	1440
gtgtgctcat	ttgtactgtg	tgtatgtcgg	tgtatgtact	ggtgtatatg	tgtgtgtgtt	1500
catgctgtgg	aactggtctc	acacaggatg	tgtttccctc	atttcagatt	tggcagtttt	1560
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att						1623

<210> 3795
 <211> 1296
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1298)...(516)
 <223> similar to gi2314829 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


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<400> 3795
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ttgctgaact cttctttttca gcagtggaag agctgcggaa atggaaactt accccaaca 120
tatttcaatt tggaagttca acttcaaaga aaaatcataa aaatgtaagt tttattgagt 180
gcctatagtg tgcattgggc tttatttagac acgccaatt caggcacaac agacacaaga 240
tccttgggct caggtacctt atgatctaat taatagatat tagaaacagt aggaaaggca 300
agttacacgt caatgcccaa tgactagagt caacattaaa gagttgtaat ttaagtaatc 360
caaactgaca tctaattcca aaatcattta taaaatgtat ttggcttttg aatccacagg 420
acttcaaaca agcaaagttt cactgcagat agtcacaaag atgcagatac actgaaatac 480
tttaagagcc ttattaatga tttttgttat tttggatctt ctgttttttt cttattatgg 540
tccgaagcct ccttaatacc aatttatcag acagaagcat gtcattctgt tgttcaagat 600
aatccagtaa attttcagtc ccatccaagt gccgctttat ggctaatatg cttctctgga 660
ttcagttctg tttttctact cttactggaa ggcttttgct cagcagcctt ggtctggtcc 720
tcagcacttt cactgtcagt cagcacctga cagcttgagt cactgctcgg agagtgcgac 780
cactgatcaa tattctcaat gtcaacatgt tcacattctt ctgtgttctg taaaactgtt 840
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ccagggaaaa gttttttcca tgctttgggt atggtacttg attttaccat gttccaagct 960
cttgacactt cataaattgc atccaacact gtcaagttct tccaaaatat ttttgggtca 1020
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aaaagaagca ctgctttttt taaaagtccc ttggatttca aatgcttctg tacctgtggc 1260
acaaagtact tttcaaacca ctgtctgaaa acagac 1296

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<210> 3796
<211> 3886
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3876)...(644)
<223> similar to gi3334747 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3796
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gccccataaa aaaaatttta ttttgcaagc ccggggcgta taaattgggt cttttaaacc 180
ggcccccccc tttttttttt ttttgcaaaa tgctcaagtg tatttatgca acagactggc 240
catgtactga ggaggggagc gcaggctgag ggctgaggta ggagtgaggg tcttcctcct 300
gcagccacca ggcagctgat caccatgtcc aagcgtcatt cctgagacct tcaggtgatg 360
ctcacgtccc cagaacagca ggctggatgc atggccagag gagctcggcc agccccgggg 420
ctggtcctga gaggtggctg caggcggggg gggtaagggc cctcctcca ggcagcaggt 480
gacccatagc ccacaccctc cacaagaaag cgggcgtgga cagtgtgttc aaagctgcag 540
ccgcctggac aggggcacaa gttccactgg ccttgaagc cgagctcaga ggacatatgg 600
gaggttctcc ttggaggtca ggaggggcgg cagtgtggtt cagtgcattg gggacactgg 660

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gacgcctctc	tcccagctcc	cactctctgc	ctcctggctg	ggctcgggtt	ccgcctcctc	720
cgagtgcctg	gtgtcgcccc	gcgcagggca	gcgcggggcc	atgcagccgc	actcttccac	780
ctcgggtgtag	ctgaaggccc	ggctggagcc	gtcgggtgcag	tgcaggggtca	cattcctcag	840
cgagggtccgc	agctcctggc	agcactggca	cctgtgctcc	accgtgttgc	cctcgaggcg	900
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gccggtccgg	cctctccaat	cgatgcagat	gtcgtgggac	gcgcagagtg	ccgcgtacag	2040
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<210> 3797
 <211> 1086
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1087)...(334)
 <223> similar to gi2950237 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3797

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ccaagggttg	tgggctgcag	tctctggtgg	ccaaggacag	aagagctggg	cccggctgca	180
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tggggttgcg	gggcctgagc	tcccagggct	gtagggtggc	actgtgctgt	agggggacga	480
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cgccctggcc	ctggccccgg	ggcgcgccgc	cagccgccc	gccgcgcca	cctcttccag	960
gtccaggagg	tggctcaccg	agaagttctt	gcgcgcctgg	gcgcagtcgc	cgggccccag	1020
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ggccgc						1086

<210> 3798
 <211> 2973
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (901)...(2001)
 <223> similar to gi4079809 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3798

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agctgtacaa	aggctactga	ggagttcaac	gtgtcctgcc	tgacagacag	caatgccgat	120
acctactggg	agagcgatgg	gtcccagtg	caacactggg	tacggcttac	tatgaagaag	180
ggtaccattg	tcaagaagct	gctactcaca	gtggatacca	cagatgacaa	ctttatgcc	240
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ccgttcctcc	ctcagggcct	ccgtgacact	ccatgaaaag	aagttcttgc	ataccggaaa	2940
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<210> 3799

<211> 2186

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1484)

<223> similar to gi406738 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3799

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acaacgggcc	tggctcgtcg	ctgcgcaaac	tgcgcgccat	gtgcgcctcg	gactactgcg	300
gcggcagcgg	ggagccaggc	ggggtccagc	gcgccttctc	ggcctcgtcc	gcgtcggggc	360
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agaaggacaa	ggtgaccata	gccgatgact	actcagatcc	ctttgatgcc	agaatgatc	720
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<210> 3800

<211> 4308

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4309)...(2761)

<223> similar to gil054874 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3800

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gatggtttcg	catcgttcta	agcggcacac	agctaagcgt	atttggggac	aaatgcaa	600
tgtttccag	gccataaata	acttttaaaa	atttgatttt	cttagtggtt	ccaaagactc	660
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<210> 3801

<211> 2457

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (11)...(2457)

<223> similar to gi34672 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3801

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attgctaata	cccatttgaa	tcgtgagtc	agccgttccc	atagcgtgtt	caacattaaa	180
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cgagattcaa	agttaaccca	tctgttcaag	aactactttg	atggggaagg	aaaagtgcgg	480
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agaatataag	attgagattt	tagagaaaaac	aactactatc	tatgaggaag	ataaacgcaa	1020
tttgcaacag	gaacttgaaa	ctcagaacca	gaaacttcag	cgacagtttt	ctgacaaaacg	1080
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gcctttactc	tttcaacctg	atcagaacgc	accaccaatt	cgtctccgac	acagacgatc	1380
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cgacaacccc	aagcgcaaaa	agccatgaac	tgacagtccc	agtactgaaa	gaacatttttc	1860
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ataatgtttt	tttaaaatat	at ttcatgta	tacttataaa	ctaattcaca	caagtgtttg	2160
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ccaataataa	ccatttttagg	aagggtgttt	gaattctgta	tgtatatatt	cactttctga	2400
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<210> 3802

<211> 678

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$

<221> misc feature

 $\langle 222 \rangle \quad (679)^{-} \dots (182)$

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<223> similar to gi4680715 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
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<400> 3802

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gctccctgg	gttaaacatg	cagggtcagg	gggctagcag	gctgagatga	agctcctctc	180
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tcagtcattct	cttcccgctc	cgcaatgcc	ttgcccttgc	cactctcatc	aaagcgctcc	300
ttgtgggtgc	cgggtgtactt	gctgggtgtct	gtcaaacggt	ccactgcacc	cactgttggt	360

gcttttagtag	cgccagtgg	ggctgggtct	ttgccctcca	tgagtccata	aatgtttctcc	420
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<210> 3803
<211> 1042
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(331)
<223> similar to gi968973 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3803						
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gtaaaagtac	acctgtaagc	cagcttggtt	ccgcagactt	tcccagaggc	cccgatccat	180
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cgtttagtgg	aaaagaccca	tttgtccctt	cctctgcagc	taaaccttct	aaggcctctg	300
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aaaaaaattc	caaattgtaa	cc				1042

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<210> 3804
<211> 6839
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(4914)

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0048075.0100

<223> similar to gi3043588 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3804

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 <211> 3457
 <212> DNA
 <213> Homo sapiens

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 Run with FASTXY 3.3t00, default parameters

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<210> 3806
 <211> 1602
 <212> DNA
 <213> Homo sapiens

 <220>
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 <222> (53)...(883)
 <223> similar to gi786117 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 3807
<211> 2255
<212> DNA
<213> Homo sapiens

<220>
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<222> (3)...(1283)
<223> similar to gi4689229 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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ctgatttaga tgtaaaggat aactccttta gccgatcacg gagttcaagt gtaacaagca 180
ttgacaaaga atcccagagaa gcgatctccg ctcttcattt ctgtgaaacg tttactcgaa 240
agacggactc gtcccttccc ccttgtctgt gggttggaac aacgctagga acagtgtctg 300
tcattgcact gaaccttccc ccagggggag agcaaagact tcttcagcca gtaattgtgt 360
ctccaagtgg tactatattg aggttaaaag gtgcaatctt gagaatggca tttctggata 420
ccacaggctg cttaatacca cctgcgtatg aaccttgag agagcacaat gttcctgaag 480
aaaaagacga aaaggagaaa ttgaaaaaac ggcggcctgt ctcagtatcc cctcctctt 540
ctcaggaaat tagtgaaaac cagtatgcag tgatatgttc tgaaaagcaa gcaaaagtaa 600
tctcactgcc aaccagaaac tgtgcttata agcaaaatat tacagagacc tcgtttgtgc 660
ttcgtggaga tattgtagca ttgagtaaca gtatctgcct tgcctgtttc tgtgccaatg 720
gacatataat gacttttagt ttgccaagtt taagacctct gttggatgtg tattacttgc 780
cccttaccaa tatgcggata gccagaacgt tctgctttac caacaatgga caagcattat 840
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ttcaggaaat gttgggtgaa ctcttcactc ctgtagaaac acctgaagca ccaaacaggg 960
gattctttta aggcttattt ggaggtggtg cacaatctct tgacagagaa gaactatttg 1020
gagaatcgtc ctcaggaaaag gcttcaagga gccttgaca gcatattcct ggccctgggt 1080
gggcattgaa ggcgtaaaaag gggcagcatc tggagttgtt ggtgaattag cacgagccag 1140

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gctggcacta	gatgaaagag	ggcagaaact	tggcgatctg	gaagaaagaa	ctgcggccat	1200
ggttatcaag	tgcagagtcg	ttttctaaac	atgctcatga	gattatgttg	aaatacaaag	1260
ataagaagtg	gtaccagttc	tgacaaccag	aatccaataa	gtccaacttc	agccagaagg	1320
aaaaaagttt	tccattttta	ttacattctt	taggaaagtt	aacgttaaag	ggatgttcgt	1380
caactgaatac	tgttctttcc	tagcacagtc	atgcactggt	ttacctcagt	catgtggctt	1440
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tgaccatttg	ggaattaaac	aggtcacacg	tgacagatga	agaaaccaag	ggggctgctg	1560
aggagacctg	gtgcagggac	taatcctgga	tcattcctgt	attaaacttt	catatgccaa	1620
aagggtttgt	gccgttttat	ctgccatcag	tgtttgacct	gtttagggca	gaggcaataa	1680
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acaaattggt	tgttatcatc	tctttagaca	gataagctga	atggtgggct	ttaaataata	1860
aaaacataca	catagttgac	ttgtgtatga	gctactcttg	gattcttgtt	attatagact	1920
tgtattttagt	tcataattttg	tcaaaagcaa	aacaagaaga	tacatcactt	ttcattgaaa	1980
agaaaagtgt	agagcatgac	tgaatttgctc	atcattctgg	gagtttccat	gtagtggcta	2040
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gtccttgttc	tcattaattc	agctaaaggt	ggatttgacc	aaaataatgc	tggttaaatt	2160
tgtagaaatg	ttgaaattgg	ctgtgtttta	aattttgctt	gaatttttat	aaaatgttta	2220
accaaaaaaa	aaaaaagggg	ggccccctta	aaaag			2255

<210> 3808

<211> 1310

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (92)...(571)

<223> similar to gi457883 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3808

cgcacatgat	ccggctgctg	cggctgcggc	gctgaagtcc	ggataccgcg	tgggtgtaccc	60
cacgcacccg	ctgcacggag	ggcactcctc	gctaacggcc	gccgcggctg	ctggcgccac	120
accgccctcc	ctggacggac	acccctctta	cccctacggc	tttatgctcc	ctaacgaccc	180
actccccac	atctgcaact	gggtgtcggc	caacgggccc	tgcgacaagc	gcttcgccac	240
gtccgaagag	ctgctgagcc	acttgcggac	ccatacggca	tttcccggga	cagacaaact	300
gctgtcgggc	taccccagct	cgtcgtctct	ggccagcgct	gccgcggccc	ccatggcttg	360
ccacatgcac	atccccacct	cgggcgcacc	gggcagccct	gggacgctgg	cgctgcgcag	420
ccccaccac	gcgctgggac	tcagcagccg	ctaccacccc	tactccaaga	gcccgttcc	480
cacgcctggc	gcccccgctg	cggtgcccg	cgccaccgga	ccgtactact	ccccctacgc	540
cctctacgga	cagagactga	ccaccgcctc	ggcgctgggg	tatcagttag	ggcggccggg	600
agggcgagcg	agggagagga	gggagagggg	gaggggagga	gtccagggag	aggcgggatc	660
acggcccagg	ctgctgacac	ccgcgcgtgg	ggaggactcg	ggccacgaaa	ggaaagaaat	720
gtataccgta	tctatctacc	cgacagcagc	gaccgagacc	cgggtgggaca	ctcccccttct	780
ccccactttc	acctccccac	ccaaacttta	taaaagttga	aaaaatatca	tttgactttt	840
tatagaaaaa	aaaaggaaaa	aataattgag	aaagtgttca	tctgaggact	gcacgggttg	900
acactgggat	ttattttatgt	tagctccaag	cggaccgggtg	gttcaaaagt	gcattatttta	960
gtttgagctc	tgtaggtaaa	aaggaggtgg	gaaaaatttt	aaaacttgag	ggtaaaaaatg	1020
tggaaaacaa	accctcccat	cccttgtaga	ttataaataa	aagcaaaacc	gccacagaac	1080

tagagggtctt	ctctttaatg	ttactttaaa	attgctatga	ttgtattgta	cgttatttta	1140
tgtctgattg	aaacacaaat	ttacatgcat	gtttgttaca	aaaaaatga	aaaaaaaagt	1200
cacaatttgt	cagctctgat	ttcaaattgc	aattattttt	aagggtgtata	ccatcgaaga	1260
gaatgggtat	ttttttgtat	gtattctgga	agaaaacaac	aaaaaaaaaa		1310

<210> 3809

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (499)...(261)

<223> similar to gi927637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3809

tttttttttt	tttgggtttc	tacacagggt	tattttgtgca	aagtttagagg	ggtaatgggtg	60
gttgaagacc	caagtccctgg	ggtaagggtgc	tgggacctta	aggaacagaa	caagaaggga	120
agatgctggg	acctgatcag	gagtgggggtc	acatgctggg	tgctaagggt	gggctgggta	180
ccagggtcaa	gccctaggag	tactgtattc	aagcgatggg	acagagactg	aggccagccc	240
ctcagggtctt	gatttttact	tccttcacca	ggttcagcag	tttgtccagt	ttcgcaatct	300
ccacagctgg	acctttctgc	acctcctgcc	ccttcttttc	ctttggcatc	ttgcgcaaat	360
tgggtgagag	cttgaggctg	atgatgtgcc	cacggtcac	gcccacaatg	atgatggggt	420
ggatgagatt	gaactgcacg	tgggtgagcc	tgttcttttt	ggccgccaca	ggctggggtg	480
gcagatggcc	tcatacct					498

<210> 3810

<211> 1673

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (227)...(1673)

<223> similar to gil136404 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3810

ttcccgtgcc	tggggagtga	gagaaggctt	tagagaggat	gtagcatttg	actagtctta	60
aaagagtaga	attttgccaa	gcagagaagg	ttatgtccca	tatcaagggc	aggagattca	120
aatcagtgg	tgtggtattg	agaagtctct	gatgagcaca	cccaggctgg	agaggggggc	180
cttccccact	ggcagcaacc	tcaccacatc	cctgtggctc	tgcatgcagg	gaggccagac	240


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tgcgctgatg ctgggagtc gccacgacag ggaggacatg gttcaagcgc tgcttagctg 300
ccaggcagat gtcaatctgc aggaccacga tggatcctcg gccctcatgc tggcctgtca 360
ccatggcaac gtggacctgg tgcggctgct cctggcacac ccagcctgcg acagcagcct 420
gactgacaag gctggccgca cagctttgtc catcgctctg aagtcaccca cccatatgga 480
aattgctggg cttctgagag cccacgcgga gcagggcagg tccctggggc tgtaggggct 540
gcagaagaac tggccgtggg gaacaaaagc cttcttctct ggactcctcc ctgcgccttg 600
aagagggcag aggtcacagg ccagagagcc acccttctag agaagaaact atgtcaaata 660
tgcacataca ttctgttgtg ataattctgc tcattaggat gctttgtagt ttttgcctta 720
ggccaagcct gaaaactaca cgggcttcag agcaggggtc aaggtgcaag gtgaggggta 780
cgtcgggtgc atccaaacat ccaaaacatc ttcagccttg aattcctcat gactctaccc 840
tctgtaacat tgtgtagcaa gcaggcaggc aggagcacat tagcacatta gaaaagcaat 900
actttttaca ttgaatttta cagtgcacta tctttctgtt ttttaagcaa gtgtatacaa 960
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agcattctgt aggggaccct agaagaatca ccgtgcagac tggtgaaact gaacaagcac 1080
catttgaggag ctttgtttcg atgggggttg cagagaaatc ttaaaatctg acagggtaga 1140
agaagcactt tggcatcaat gccatatgta cagtcttgac tatttctgag tcacttagtg 1200
gctccaattt gctccaggga aattggaatt aattaagaaa tttattatct agtaagttgc 1260
tatgtaataa agaaaaaaa gaaattcaat ccaatgacac acaccacatg tatttgggca 1320
gagtcagatt ctctcagcta ttttgagtct gtggaagaaa caaaaaaaag cttcctcctg 1380
aggatgggtt attgtcatca agaagccacc tgcatagccg tatccattac ctcatggtaa 1440
ttcccgtgct tttcccctca tatcccctag aagcaaatat ctgttctgag gttttttggg 1500
acttctggct gcaataggag caagggaccc aggcagggca gagcaatacc ttccgaagct 1560
tccatattcc ctggggccag cacatgcaag gtttatatgg tcagtagctc acgtgaagtc 1620
atctgaatct ttcttaaate tgctctctta aaatctctta tgcaaaaaaa aaa 1673

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<210> 3811
<211> 604
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (607)...(135)
<223> similar to gil89049 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3811
aacctcaaat gttttaatgg tgggatctta ttactgtgt acaggattct ctaaagagac 60
cacctggctg ggtgctcaaa ccacacgggc tgacccaaaa gacacaaaaa ccaagagttg 120
ctcgggaggc actaaatgtt gacggtcttg gccagcttca catcctcaat ttcagcagac 180
agccagcagt aagtgtgatg aagcgcgagc acctcaatgg ccttgagttc cagtgggtgt 240
gcctgaatac caaggtcttc taagctgggc aggtgagaca aggtcatgtc tgtgatgtga 300
atacgtccca ctttatccct tgttgtccag gactcaaatg ggcttatttc aaagtcttct 360
tgctacccac tgataggcca aaaggtggca agggggtacg ggaggaagta ccccttttgg 420
ctgtgagcca cagcaaagat gtacttcacc aggtcaaaga ggagatatcg atttggccca 480
acgaaagcaa aggttttccc attggcatca ggatccttaa ctgcattagc aattcctttg 540
gatacatcta cgacgtatac tggttgttta actgccttcc agcccaagga aacaaggggt 600
atag 604

```

<210> 3812
 <211> 1180
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(650)
 <223> similar to gil93367 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3812

agcagctggt	gcggaaggcg	gccagcctgt	tgctaccttc	tctccaatga	aggcaccatc	60
tcactgcctt	gccagacatt	ttaccaagtc	tgccatgaaa	cagtaggaaa	gtttatccag	120
tatggcattc	ttacagtggc	agagcacgat	gaccaggaag	atatcagtc	tagtcttgct	180
gagcagcagt	gggacaagaa	gcttcctgaa	cctttgtctt	ggagaagtga	tgaagaagat	240
gaagacagtg	actttgggga	ggaacagcga	gattgctacc	tgaagggtgag	ccaatccaag	300
gagcaccagc	agtttatcac	cttccttacag	agactccttg	ggcctttgct	ggaggcctac	360
agctctgctg	ccatctttgt	tcacaacttc	agtggctcctg	ttccagaacc	tgagtatctg	420
caaaagttgc	acaaatacct	aataaccaga	acagaaagaa	atggtgcagt	atatgctgag	480
agtgccacat	attgtcttgt	gaagaatgct	gtgaaaatgt	ttaaggatat	tgggggtttc	540
aaggagacca	aacaaaagag	agtgtctgtt	ttagaactga	gcagcacttt	tctacctcaa	600
tgcaaccgac	aaaaacttct	agaatatatt	ctgagttttg	tgggtgctgta	ggtaacgtgt	660
ggcactgctg	gcaaatgaag	gtcatgagat	gagttccttg	taggtaccag	cttctggctc	720
aagagttgaa	ggtgcgctcg	cagggtcagg	cctgccctgt	ccogaagtga	tctcctggaa	780
gacaagtgcc	ttctccctcc	atggatctgt	gatcttccca	gctctgcac	aacacagcag	840
cctgcagata	acacttgggg	ggacctcagc	ctctattcgc	aactcataat	ccgtagacta	900
caagatgaaa	tctcaataaa	ttatttttga	gtttattaaa	gattgacatt	ttaagtacaa	960
cttttaagga	ctaattactg	tgatggacac	agaaatgtag	ctgtgttctg	ggaactgaat	1020
cttacatggt	attattagtt	gctggctggg	taatttgttt	ggtatattat	ctgggttagtg	1080
gttaatgctt	cctttaaaaa	taattgagtc	atccattcac	tctttttcag	ttttatctgt	1140
caatagtagc	tacattttta	atggcagcac	caccaataca			1180

<210> 3813
 <211> 415
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (418)...(68)
 <223> similar to gi887899 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3813
ctcgtggtga aggcctttttg gcactgatga cattcatgca tttttctccc gtcgtacatg    60
ctcatgtgct gagtgagggtg cggcctgccc ttgaacgcta ccccatagtc gcggcggtga    120
tagggcctct tgccagcgtg ccttcccatt ggctgagtga gatgaggggtc catgccaaag    180
acttcgaaca agtgagcgtg ttcagtggac ttctctccaa gaccggctct ttccatcgtc    240
acaccactgg gcgttttcctt cccaaaaata tcttccataa gaagtgacca cttgggtttta    300
gatggagtct cccaatctgc acaagcgccc tggtgagcgc ccctctcctc tgcctcggc    360
tcctcctcct gctccaagtg tgagatgagg ctggggtttgc cgacctgata cccca    415

```

```

<210> 3814
<211> 746
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (53)...(607)
<223> similar to gi3493211 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3814
gcggccgcgg agtggcctac cggggaccct cccccagagg aaccgtgccc tgggcgggga    60
gatgaacggc ttcaagcacg gaggaaggac agccggggag gggccccccg cggcccaagc    120
tgccgcggcc cggggctacg gccaaagagt gctgcctcaa tcgaggacgg cgagcgctgc    180
gtccggcccc cgggcaacgc ctccttcagc aagaggggtc aggaagagca tctcgagaa    240
gaaactcaag ctggacatcg acaagagcgt aaggcaccta tatatctgtg attttcacia    300
aaattttcatc cagagtgtcc gaaataaaaag gaagaggaag acaagtgacg atggcggaga    360
ttctcccagc cagcagactg acattcctga ggttgatctg ttccagctgc aggtgaacac    420
cctacgacgt tataaacgac actacaagtt gcagaccaga ccaggcttca ataaggccca    480
gttagcagaa actgtgagtc gacacttcag gaacatacct gtgaatgaaa aagagaccct    540
tgcctacttc atctacatgg tgaagagtaa caagagtaga ctggaccaga aatcggaggg    600
tggcaagcag cttgagttag gatgaagcac atcttaaagg aatgaagtgt aatgcttgat    660
gcacaggtga tatctactac atttaagccc ataaagactg ttaaataatta ttgtaaataa    720
aaaagtttga atgatgaaaa aaaaaa    746

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```

<210> 3815
<211> 1419
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(573)
<223> similar to gi5262557 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3815

aatagtttca	ccagtagttc	cgagtttggt	atacatcaga	gaatccacac	tggggagaaa	60
ccgtatgagt	gtaatgagtg	tggcaaagct	tttgttggta	attcaccctt	acttcggcat	120
cagaaaatcc	acactggaga	gaaaccctat	gagtgtaatg	agtggtggcaa	aagcttttga	180
aggacttccc	atctaagcca	acatcagcgt	attcacacag	gggaaaagcc	ttattcttgt	240
aaagtatgtg	gacaagcctt	caattttcat	acaaaactaa	ctcggcacca	gagaattcac	300
agtgaggaga	aaccctttga	ctggtgtaga	ttgtggaaaa	gccttcagtg	ctcaggaaca	360
attaaaaagg	catctgagaa	ttcatactca	ggagtcttcc	tatgtatgtg	atgagtgtgg	420
aaaagccttg	actagcaaaa	gaaatcttca	tcagcatcaa	agaatccata	ctggagagaa	480
accctatgag	tgtagcaagt	atgagaaggc	ctttgggact	tcttccccag	ctaggtcacc	540
ttgagcatgt	ctactctgga	gagaagcctg	tgctggacat	ttgtcgtttt	ggcctcccag	600
aattttttac	ccccttttac	tggtaatagt	acactccagt	gaaatgtact	gagtggattc	660
cgtcttctac	tcaggaatgg	aatgtgtgac	acaggcctga	ctcagcctct	gatccatccc	720
tcaagccaca	gttaatgatt	cagatgtcag	tagatgacca	aagatggttc	aattagagtc	780
ccaggattgc	aagagctaata	aggaacaaat	actctcccc	cgcccccccc	cattgggtttt	840
aatgctgaga	agaagaacta	gactcttaca	gaggtgagaa	tgaagtccac	acagcaaaaa	900
tgcacttgag	aattggagag	cagtaaaaga	ctgaagataa	tgtttgaaca	gccacataca	960
ccatgcctga	agctaaaaat	atatacgggt	ttttgaattg	cagcagccaa	taaattccat	1020
ttttgtttgg	ttgggtttgg	ctttggcaca	cctgagttag	gttttcttgc	cttggaacag	1080
aattttgact	taaacagtgt	tgtcattgta	gcagttgttt	gaagttttca	gggataacat	1140
acctgatgga	gaaatgtttt	gtgtgtatga	tataaggga	agtctttagt	tatagtcattg	1200
gcagctcctc	aaccccatga	ttgtgatgag	attgggaagc	ccactgtaac	actggagagc	1260
ccaggttata	tcagacacca	ctagtagata	gaagttctaa	caacttgagc	tctgtaacaa	1320
aaatctcatt	gtactacaaa	attatgtctg	caccagtga	tccattctca	agaaaagtct	1380
taactaggaa	actaaaagct	ttcactctta	aaaaaaaa			1419

<210> 3816

<211> 4917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4918)...(0)

<223> similar to gill136426 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3816

tttttttttt	ttataactaaa	agaataaaga	tttttattaa	gcattgtaag	ttgcattcaa	60
tagccttcag	atacaccaca	ccacaatcca	tcgacagtca	atcaaaccce	acagcagttc	120
attcttgcac	aatccatgag	ttagggcaaa	actcccttca	acttacagta	agatcctact	180
tagctcttgc	gggcaggggt	tggggaatta	cacctcattt	ctgatcacta	atgtgatgaa	240
gagcatcaga	agtatatgaa	aacgataaga	agtgattctg	atttcaaagt	acattgtttg	300
gaaacattaa	caaaaacatc	aaaatgatag	aagtatacct	gcttctacta	aattcttgat	360
gggaaagtcc	tcaagaacaa	gcaatttggt	tcctgctaca	gaaggggggg	gtgggttttt	420
ttttttaaga	tcaaagggtt	ttttttcaca	gaatttcata	tttgctaata	tgaaggcata	480
aaacagcaac	aaagaacaat	aatgcataca	gcagtgaata	caccagggta	atgttgatat	540

tcgaaacggc	tagataat	ttggggggct	ttagaataaa	tgcaacagag	gtcaataatc	600
acaaaat	aaggtagag	caagatcagt	caatgactaa	acagagttaa	catcttttat	660
aggactatta	ctgattatta	gcatttttgt	tttgcaaatg	ggcacatact	gttaagaatg	720
gaagaaagga	cgataacatg	catattaact	acacacttta	aaaattatga	accatgcaga	780
agtttagctc	aagtagtagt	actaatggct	tacatccgat	tcaaaaccac	atagttcatt	840
gatcacagat	gcattggtatt	agtcacgaaa	gtttcagaac	acattgtggt	gattttgaaa	900
ggtcatttgc	atcttctatg	atctcaactt	tatctccatt	taacttgctt	gtaaagtatg	960
tatgatgtat	tgtatattta	aaatcagcag	aacggcaata	ttactctata	atcttttagt	1020
tttgatagtt	gcactttttt	tttttaacac	aaaagaacca	catcaacagt	gatgaaat	1080
aagaaagaaa	aactgtgggt	gtgccttatt	tctttcataa	tcataaaaaat	caaagcctta	1140
aagaaagctt	catgtgaaa	cagtaatgca	aaatcaaata	taatggcata	catatgggtgc	1200
caaagtctaa	aaattatatt	ttaagctata	tatacttaaa	gactgccaaa	atctgttttc	1260
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```

<210> 3817
<211> 2141
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2107)...(1635)
<223> similar to gi5824799 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3817
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gggggaaaaa agaagcaaaa agcccaaaga aaaaaacatt ttatatcat ctgtataaac 180
atatccgcta aggcaaagcg aatccgggtc cgaggctgct gcgctgggct cgggtgcctcc 240
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gactcctggg cattttacta aaataaagag ttatcgagtt taaaaagcag tgacgtcggt 360
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<210> 3820

<211> 1849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1308)

<223> similar to gil770478 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 3821
<211> 1021
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (321)...(87)
<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3821
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agtccaagc	ttgccaaggc	cttgcctgag	gagcggaaac	aggcgcaccg	ccgtgccagc	4320
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gagcagcaga	tccgggaatc	gcgtatctca	ctggagaagg	acatcgagac	cttgtcagag	4500
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actcagtggg	cactagaacg	cctgaggctg	cagctgggct	cccgggggtc	cttgacagag	4620
aaactcagtc	tgttgagca	ggaatccag	cagcaggagc	tgcagatcca	gggcttcgag	4680
agtgacctcg	ccgagatccg	cgccgacaaa	cagaacctgg	aggccattct	gcacagcctg	4740
cccgagaact	gtgccagctg	gcagtgaggg	ctgcccagat	ccccgggaca	cactccccca	4800
cctgctgttt	acatgaccca	gggggtgcac	accaccccac	aggtgtgccc	atacagacat	4860
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tcagcagctt	acggtccaca	cacattacag	tccacagctg	ttgtgagagc	cacctgtgtg	5160

```
ctggacaccc tctggatgtt gggcaagttg ttacatgaga tgccctgggg tgctacatcc 5220
actcactcca gatagcaggg aggtctcagc agatctgcag agatcaaggg ggtcagcaac 5280
agccaaagcc cctagtccca gagctggctg ccctctgttt cacagcagct ccctgacctg 5340
tgttgctgcg tgcactccct acagctcgac acagccaggg gaccaacagg ccaagaaatg 5400
caagatcccc ggagggttct cagcagcaga atctgaggcc cagagaccct gagggcgtgg 5460
ccaggcctgc tagtctggct agagcaagge ccactcctgg cgggggtgtc attgccttca 5520
ccggacc 5527
```

```
<210> 3824
<211> 868
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (5)...(494)
<223> similar to gi2623162 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 3824
cattgcaggt gtggcagtat tcttctatcg agacatgttt gttcggaaag acagaaagat 60
ccataaagat gcagagtcgg ccagtcctatg cacagactcc agtggaagtt ttgccaaact 120
gaatggtctc tttgacagcc ctgtcaagga ataccaacag aatattgatt ctccataact 180
tatagtaacc tgctaaccag tcggaaagag ctaccaccca atggagatac taaatccatg 240
gtaatggacc atcgagggca acctccagag ttggctgtgc ttcccactcc tgagtctaca 300
cccggtgcttc accagaagac cctgcaggcc atgaagagcc actcagaaaa ggcccatggc 360
catggagctt caaggaaaga aacccctcag ttttttccgt ctagtccgcc acctcattcc 420
ccattaagtc atgggcatat cccagtgcc attgttcttc caaatgctac ccatgactac 480
aacacgtctt tctcaaactc caatgctcac aaagctgaaa agaagcttca aaacattgat 540
caccctctca caaagtcctc cagtaagaga gatcaccggc gttctgttga ttccagaaat 600
accctcaatg atctcctgaa gcatctgaat gacccaaata gtaaccccaa agccatcatg 660
ggagacatcc agatggcaca ccagaactta atgctggatc ccatgggatc gatgtctgag 720
gtcccaccta aagtcacctaa ccgggaggca tcgctatact cccctccttc aactctcccc 780
agaaatagcc caaccaagcg agtggtgtc cccaccactc ctggagtccc aatgacttct 840
ctggaaagac aaagaggtta tcacaaaa 868
```

```
<210> 3825
<211> 1296
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1255)...(449)
<223> similar to gi3327046 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 3825
tttttttttt ttgatatgat ttttttatta acatataata atatatttaa taaaaaatag    60
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gcccacccct aggcattccg aaaagccctg cttccagggc tccccctctac ccctgctttc    180
caacaggctc tgacctccag acagacgggt caaagttaca agtgcttttag gccctccctt    240
gagttcccc aggcccatcc cttgcgagga attcaggggc cacctggaca aacccttgc    300
tttttctcat tcttggcac cttcattcat gctagaaaga ggatctgggg acagagagta    360
gagctcttac ctgccaggg gaaggaggga aaggaatggt ggtgggggat ggggccaaga    420
agagggatgg tgatgaggtg ccctcattgg agcgggtcac tgcggaatga ctctccaca    480
gcaggatcag gcagcagggc acaggggtca ctcagcatgt ttagcccttc caggcccagt    540
ggctccatgc gcagctcatc ttctagccca agccctagct ccaatccagc tgctgacacc    600
tcaaagccag gcactccggc cagggctgct gcaatctcct tagagaaacc tggagaggag    660
tccccctgtg ggatgatgtt aggccctgag ccatggcggg aacagtgggt caagttctgg    720
tggttgaagg tgtggggatc ctgggggcca cccattggcc cctcaccccc taaaaatcca    780
ggcccttcag aaaagccagg gggatccagc accaggctgg ctgatgggct ctccatgctg    840
aactgctcca gattccccag gttgaagtca ctcatgggcc ggtggtaaga ctgttgccca    900
tgcccactgg gccaggtgg gtacgggtgc ccataatgag actgcctgcc tgggggctgc    960
ccacctgagg actgactga acaagactga gagggcagcc ctggctgctg tagagacttt   1020
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cgctggtcag tggacagttt actggtatcc agggggacgc cctgagtgat ggaagacaag   1140
gtgggtgaca ttgttggcga aaactgtttg ggcagctgct gttgggacct tctggcgctg   1200
gctgggcccg cgagcaaact cagggggctg aggggcacac ggcggtggtg gggggaggcc   1260
ccacgaaatc gtcgaccgga gaattcgaac atgaag                                1296

```

<210> 3826
 <211> 6140
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(3443)
 <223> similar to gi5689387 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3826

cactgccagt	ggtcaagggt	ctgttaagta	tgatagcacc	gatcaaggat	caccagcctc	60
cacccccctc	actacacggc	ccctcaactc	tgtggagccc	gccaccatgc	agccaattcc	120
cgaagccac	agcctctatg	ttaccctgat	tctctccgat	tccgtgatga	atatctttaa	180
agacagaaac	tttgacagct	gttgcatctg	tgccctgcaac	atgaacatca	aaggggcgga	240
tgtcgggctt	tacatccccg	attcttccaa	tgaggaccag	taccgctgta	cctgtggggt	300
tagtgcgatt	atgaaccgca	aacttggtta	caattcagga	ctcttccttg	aagatgagtt	360
ggatattttt	gggaagaatt	ctgatattgg	tcaggctgca	gagaggcgct	taatgatgtg	420
tcagtccacc	ttccttcctc	aggtggaagg	aacaaaaaaa	cccaggagc	cacccataag	480
ccttctcctc	ctcctccaga	atcaacacac	acaacctttt	gcttcactga	atttcctgga	540
ctacatttcc	tctaacaatc	gccaaactct	tccctgtgta	agctggagtt	atgaccgggt	600
gcaagcagat	aataatgatt	actggacgga	atgctttaat	gcgttgagac	aggggcggca	660
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gcactcttgg	cctcacagca	atgtgctgga	catcagcatg	ctctcctccc	aggatgtggt	780
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tccagaaaat	gaggccttgc	tcgaaggagc	caaaactttc	ttcagggact	tgagtgtctgt	1140
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catgcgcgtg	ggaaaaactg	tggcacagaa	gctgacagat	gagcttgtga	gtgagtgggt	1260
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09483715 012100

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cagagaaata	acttgtaa	ggataatttt	gttctctgta	ccaccagttg	aaggggggggt	5040
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cttttttctt	tcaagcattt	tgcagtgagc	ttcttttata	tatagcaaac	aatttgaaag	5940

aatacaaaaa	tatgtgaagt	tcatttataaa	aaataactac	agtatagcgc	tggtacagta	6000
cactaaaaga	ctttgataaa	aagaaacaat	aataaaaaggc	ctccatttta	aatgtcattc	6060
atataatacct	tgtggatgag	agctatatac	ttttacacac	tttttttagag	gaataaatta	6120
ttgaattact	aaaaaaaaaa					6140

<210> 3827

<211> 1705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(621)

<223> similar to gi2289790 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3827

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ccctcactgc	aaaagcatct	ccttaagtag	caacctcagg	gactgggggc	tacagtctgc	780
ccctgtctca	gctcaaaaacc	ctaagcctgc	agggaaagggt	gggatggctc	tgggcctggc	840
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tgttctgggg	cccagcccaa	cacctggctt	gggctcactg	tcctgagttg	cagtaaagct	1680
ataaccttga	atcacaaaaa	aaaaa				1705

004937.32289790

<210> 3828
 <211> 1456
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1459)...(1034)
 <223> similar to gil469179 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3828
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 ggggcaatga actggtgcac acctttgagc aaaaagaaca aaggagaaga aaggaaaaac 180
 acacacagat tctggaaaac atgcaaagag gctctctcaa gagacactga acagcagaat 240
 ggtggtgatg gtggtagggg atatatgaga atgagcacac tcacatggta ttttgatgca 300
 agttaaacca atgaattcaa ggcagattta ccaacatcaa agctctccct ccagatccca 360
 ggttgagcag aaacctctct caaaacccta actggtctcg gaagggtggaa tggagtaatt 420
 ttgccctcac taagcttaaa cccctccct tctctaccta agtggttagat agtgataca 480
 ttttccccct ttgctggaat ctatagaagg tctgcgaatg ctgaagaaga taaaaatgtc 540
 acttgacttt ctcttgcata ttcagaaatg tttaacagtg gctgtagaca gtcaacccat 600
 cgaaccagag aaatgtttaa aagaaaaaca taaaactcaa acaaacctt gtgaacagaa 660
 cagtactttc ataccacag ctgaggtgtc ctgccccagt cacttacact tgggtgagtg 720
 gtctgtagtg tgtttctctg aggttacatt tctgtccatt tccagctctg atggttcttt 780
 tctgccttg ttagttagga caagacactt ccatttaaaa taccatgtga gtcaggaaga 840
 gagcttcttg cctggacaca gggacacatg aacacttggt gagtgggtgtg gtgtatgtgt 900
 gtgtgcttgc agtttgaggg gagaggaaat tgggttgatt ctgatttgag acaatatgga 960
 accctaactc ttctataatg gcagtcttct ccttttagact tagtgcagct gctgaagaca 1020
 agattaaaaa aagtttttct tctctttgtc tctcttcaga gtctgtgagc ctccagcctg 1080
 ggagccctgg gactggagca gctcagccgc cgtctttctt tgcttgaaag cattcacttc 1140
 atcatccagg gatttcttct tatcctccag tttcttcttc tctgtcctgt gcagtttctt 1200
 cagacggtca aacttctcgt gcagctcttt ctctgcctct ttgagctccg cttctttctc 1260
 tttgactcgc tggacgaaca tctgtctcat ctctcttctt tttttctgga gttcccctag 1320
 gaactcgttc cttttggcct catatgtctc ctgaagggtt tgctgtcagg gtcggtgtcc 1380
 ttgaagccca tctcctccag cttacagcgg cgatacagct catagtgccg ggtgtgggtc 1440
 tgctcccgcg gatcct 1456

<210> 3829
 <211> 465
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (11)...(351)
 <223> similar to gi4062356 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3829
tttctaccta gaacactatt ttaggcgcag gattccttga tgaaaaatac cgcggaagaga    60
tccgtcgggt ttcttcccct atggtcgccg cacgcatggg gcgcgatcgt tctaagcctc    120
tgcgtaaaaa ctgggagtcg gtcaaagaac aggtgatgcg aaaagcactt cgcgctaaat    180
tcgaacagca tgcagaactg cgtgcgctct tgctggcaac cgcgcccgcg aaactggttg    240
agcatacgga aaacgatgct tactggggag acggtgggtca tggtaagggc aagaatcgac    300
tggtgtacct tttaatggag ttgcgcgaac aattggctat agagaagtaa cgtctcgggtg    360
gcttatgggc ggtaaaacag ataaatTTTT tcccgtgttc tcaaattgct gacaagtgct    420
tgttgtgaaa tgccggatgc ggcgtaaacg ccttatccgg cctac                      465

```

```

<210> 3830
<211> 973
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (964)...(344)
<223> similar to gi3882143 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3830
aacaaagttg gtctcttttt tccaccagtt ttcaagtaat tagttcaagt aagcttattt    60
acagctgcta ctgtatatat gtgacctact ttaacccttc tttcccttta ggaattgggtc    120
tcccttggaa tgggacacca catTTTTaaa aaaacttgaa ccagggtttt ttcattctacc    180
aattcaattc agtcatgttt ctgctttatt gggcagataa agagaagaaa ccagcaagtt    240
atgtccaaaa gctggaaaac gccgaaatgc ttcccaacta tctgaaaaga tgttgtactt    300
gaggaacact cgggtgttcca agctgggtcga cagggtgacg tctctgctca tgatgtagat    360
gccgtcgtta tggagcgcac aagtcaagtt aagacccgat ttggacgtgt tctccttgag    420
gtagagccac tggcgggtga cgggtgttga ggactgcacg gtgagcatgt cctcgctctg    480
gctgctectg cggttggggc ccagctcgtg gagacacccc cccacgatgt agatggtctc    540
ttccacagac accatctgct gcttgcgaaat gtggacgtca catgtttcaa agagcgtcca    600
catgtcggaa gaggggcagt actgcaaaaat gttcatgttc cggctctctg tagtgtatcc    660
tccaatgaca taaatTTTTc cttacactc acaggcagag aactcagcca gaggattggg    720
taagggcgcc acaaaattcc acgcattcctg ctcggggttg taacactcaa cgttagaaac    780
ggcctgccct ccgatggcat agagttttga attaacagcc acaagtttga agttagacct    840
cttctggttc atggaggcca cctggagcca ctcgttggtg ctgggggttg aggaatgcgc    900
agcgggagtc tcctggctag tgatcctgta cccgccactc ataagaggta gttgtccagg    960
ctcggcaggg tct                      973

```

```

<210> 3831
<211> 2555
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1571)

<223> similar to gi2781386 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3831

atgtcgttac	gtgtacacac	tctgcccacc	ctgcttgagg	ccgtcgtcag	accgggctgc	60
agggagctgc	tgtgtttgct	gatgatcaca	gtgactgtgg	gccctgggtg	ctctgggggtg	120
tgccccaccg	cttgcatctg	tgccactgac	atcgtcagct	gcaccaacaa	aaacctgtcc	180
aaggtgcctg	ggaacctttt	cagactgatt	aagagactgg	acctgagtta	taacagaatt	240
gggcttctgg	attctgagtg	gattccagta	tcgtttgcaa	agctgaacac	cctaattctt	300
cgtcataaca	acatcaccag	cattttccacg	ggcagttttt	ccacaactcc	aaatttgaag	360
tgtcttgact	tatcgtccaa	taagctgaag	accggtgaaa	aatgctgtat	tccaagagtt	420
gaaggttctg	gaagtgtctt	tgttttaca	caatcacata	tcctatctcg	atccttcagc	480
gtttggaggg	ctctcccagt	tgcagaaact	ctacttaagt	ggaaattttc	tcacacagtt	540
tccgatggat	ttgtatgttg	gaaggttcaa	gctggcagaa	ctgatgtttt	tagatgtttc	600
ttataaccga	attccttcca	tgccaatgca	ccacataaat	ttagtgccag	gaaaacagct	660
gagaggcatc	taccttcatt	gaaacccatt	tgtctgtgac	tggttccctg	gtctccttgc	720
tggctttttg	gtatcgtagg	cacttttagct	cagtgtatga	ttttaagaac	gattacacct	780
gtcgcctgtg	gtctgactcc	aggcactcgc	gtcaggtaact	tctgtccag	gatagcttta	840
tgaattgtct	tgacagcatc	atcaatgggt	cctttcgtgc	gcttggcttt	attcatgagg	900
ctcaggctcg	ggaaagactg	atgggtccact	gtgacagcaa	gacaggtaat	gcaaatacgg	960
atttcactctg	ggtgggtcca	gataacagac	tgctagagcc	ggataaagag	atggaaaact	1020
tttacgtggt	tcacaatgga	agtctggtta	tagaaagccc	tcgttttgag	gatgctggag	1080
tgtattcttg	tatcgcaatg	aataagcaac	gctgtttaa	tgaaactgtg	gacgtcacaa	1140
taaattgtgag	caatttcact	gtaagcagat	cccatgctca	tgaggcattt	aacacagctt	1200
ttaccactct	tgtctgttgc	gtggccagta	tcgttttggt	acttttgtac	ctctatctga	1260
ctccatgccc	ctgcaagtgt	aaaaccaaga	gacagaaaaa	tatgctacac	caaagcaatg	1320
cccattcatc	gattctcagt	cctggccccg	ctagtgtatg	ctccgctgat	gaacggaagg	1380
caggtgcagg	taaaagagtg	gtgttttttg	aacccttgaa	ggatactgca	gcagggcaga	1440
acgggaaagt	caggctcttt	cccagcgagg	cagtgtatgc	tgagggcac	ctaaagtcca	1500
cgagggggaa	atctgactca	gattcagtc	attcagtggt	ttctgacaca	ccttttgttg	1560
cgtccactta	atttgtgcct	atatttgtat	gatgtcataa	tttaactctg	tcataattta	1620
ctttgtgtgt	ggtctgcaaa	ataaacagca	ggacagaaat	tgtgttgttt	tgttctttga	1680
aatacaacca	aattctctta	aaatgattgg	taggaaatga	ggtaaagtac	ttcagttcct	1740
caatgtgcca	gagaaagatg	gggttggttt	ccaaagttta	agttctagat	cacaatatct	1800
tagcttttag	cactattggt	aatttcagag	taggcccata	ggtgatatga	ctccatttgt	1860
ccctttatatt	aggatattga	aagaaaaaat	aaactttatg	tattagtgtc	ctttaaaaat	1920
agactttgct	aacttactag	taccagagtt	atttttaaaga	aaaacactag	tgtccaattt	1980
catttttaaa	agatgtagaa	agaagaatca	agcatcaatt	aattataaag	cctaaagcaa	2040
agtttagattt	gggggttatt	cagccaaaat	taccgtttta	gaccagaatg	aatagactac	2100
actgataaaa	tgtactggat	aatgccacat	cctatagggt	gttatagaaa	tagtgcaagg	2160
aaagtacatt	tgtttgcctg	tcttttcatt	ttgtacattc	ttccattctt	gtattcttgt	2220
acaaaagatc	tcattgaaaa	tttaaagtca	tcataatttg	ttgccataaa	tatgtaagtg	2280
tcaataccaa	aatgtctgag	taacttctta	aatccctgtt	ctagcaaaact	aatattgggt	2340
catgtgcttg	tgtatatgta	aatcttaaat	tatgtgaact	attaaataga	ccctactgta	2400
ctgtgctttg	gacatttgaa	ttaatgtaaa	tatatgtaat	ctgtgacttt	gatattttgt	2460
tttatttggc	tattttaaaa	cataaatcta	aaatgtctta	tgttatcaga	ttatgctatt	2520
ttgtataaag	caccactgat	agcaaatctc	tctcc			2555

09489725_012400

<210> 3832
 <211> 795
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(796)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (30)...(457)
 <223> similar to gi927637 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3832
 cattgcgagt gcaggaattc cttttccaag gttgtggcac tgcctttgac ttccacaaag 60
 agattgacta catgtttcta ttgtgcacag aggagggaaa aatctacaag tgctctaaat 120
 cctactccag ccaattcctc gacacctatg acgcccacaa catgtcagtg gacactgtgt 180
 cctggaaccc ataccacacc aaggtcttca tgtcctgcag ctccgactgg acagtgaaga 240
 tctgggacca caccatcaag tgaggggcct gttcctggct ctgcctgggg ccctcccctg 300
 ggctatggca ctgtgagccc tctgtgccat gggctttcca ccctccacct ttgcaggacc 360
 ccgatgttca tctatgacct gaactcagcc gtgggtgatg tggcctgggc gccatactct 420
 tctactgtgt tcgcagcagt caccacagat ggggaagggc aagccatcca ggggccagcc 480
 aaaagaggaa tcattcatcc catgaggctt caggagaggaa acagagctgt tcacctgga 540
 ggagaaagca ctctggggga tgagatgcca tggagcagtt atttcctctg ctgtatggng 600
 gagagctaga ggggtggcagg gcccggtccc atctaaggaa aaatgtatga gccagagttg 660
 atcagtgact gaatagtgtc tgtaatgtag tgaagtctcc atccccggga gtgtgcaagc 720
 tgattctgag ggaacttcag tggggtggaa tgggaggggg ctattcaaca ctgagaattg 780
 gtgagacctc agaaa 795

<210> 3833
 <211> 1798
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1793)...(904)
 <223> similar to gil507680 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3833

```

gggggccaat gggctcccaa ggtccggtca ggggagaaca ggcaccggtc ccccgcgga 60
tgggtccgca ccattccagc ggctctctcc acgaaagtgg gccactgccg ggctgcacta 120
tgtgtcactg aaattcaggg agacctctca gtcgggggttc cagcctacgc atgttcaagg 180
gacccccctca tccccaaaac ccgcccggcg cacagaattc tcaggcctgg ctgcgttgct 240
gggaagcggg gggccagttc ctctgcagc ctggctcaca cccacgcctc acagtggggc 300
cctctgaccg tggccgcagc cccagcatc taccccaagc tagtgcaaca tcctgcccag 360
tccacgtgct actgcgctcc cggcgctgc ctccaggcca ccgggcgga cctttctcag 420
ccccaggggc cttccaggcc cttctgttca aaggaccgga tgcttcacac cgctaaggggc 480
tttatttcac agatcatggt ggtgagtttg gatttccagc cctcaccacg gttaagtcac 540
acatttcccg acacctgtc atttctccag atctgaaaca tctcacccaa cacatcctag 600
ttgttgtaaa ccccaaataa actttccaga agcaaaaaca ataacagatt cagagaaccc 660
tggtcacacc tgctgagcag gtcccctcta ctctggttgc atatagaatg cttgtttgct 720
caaaagagag gcgctctcaa catcaaggca caaagaaaga cgtctccagg ggcaaatga 780
tgacgaagtg accagcggcc tctgcgaggc ccgaggcaga gtcacggggg aggcgagttc 840
agcctgacgg gcattgggag gaagagccaa ggacagggtc cccgctgggg ctgaggcgtc 900
ctcacgcgta cttctccagg aagttgatgt ggaagtcttt caccttctgc agcacggtt 960
tcagcttctc cactggaggg aggatagtca tcctgaagtg gtaagtgcct tccctctgcc 1020
caaagccact gccgggcacg acacagatgc cagtctctc caggagcttc atgcagtaga 1080
acatgtctgg agccatttga tgggcctgag cagcctccac agctttgggc aggaatgaag 1140
atccgaggga aggcgtacat ggccccctgc aagggggttgc agtgaattcc tgggacttgg 1200
ttaaacaggt cttccgtcag ctttgctttt ttggccagat taccaggac cgactccttc 1260
tctcggtga attgctcaaa ggactcctct cctgccaccg ggggggttcac gacaatgtcc 1320
atggcggcct gccagacac tggggggcac aggcgcaccg acagcagctt caccagctgg 1380
cccttgatct cagggtgcag gttgatcacc tccatgtagc ctctctgta accacactcg 1440
cccatgtagc ctttgagggt ggagtggaag gaggcgagct ccacgttgct ggagtactcg 1500
ggcccatct cgtacagcac cttcttgaag gagtggaaatc tgcaatctgg agagtacacg 1560
ttgtcctggt acacctcatc agccaggaga aagagcttct cttcccaggc aaagtggatc 1620
acatcttcta tgcactttct gctttgtacc tggcctgtgg ggttcccagg gttgattatg 1680
cagagcacct taggatcaca gtggtctttg gcctcctgca ccgcccgcg gagctcatte 1740
acattcagcg cccagcagtt ctctgtcca ggtagtaatt cacgtggatg gcgcagtc 1798

```

<210> 3834

<211> 1096

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(670)

<223> similar to gi3309573 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3834

```

gtccaaggcg ggcgccatgc tgatagtttg ctttggccca tggctcagct gagctggaga 60
actgcctcta tgttggtgggg ggacacacat ccctggcagg ggtcttcccg gcctgcctt 120
ctgtctccct gaaacaagtg gagaaatacg accctggggc caacaagtgg atgatggtg 180
cccccttgcg ggatggcgtc agcaatgccg cagtgggtgag tgccaagctg aagctctttg 240
ttttcggagg aaccagcatc caccgggaca tgggtgtcaa ggtccagtc tatgaccct 300
cggagaacag gtggacgatc aaggccgagt gccccagcc ttggcgttac acagccgctg 360
ccgtcctggg cagccagatc ttcacatgag gaggtgacac ggaattcaca gccgcctcgg 420

```



```

cttgacagtgg gctcgggtag agcagtatca ggagctaggg ttgtctgctg cccacactcc 1560
tgcttttttg gataatctaac tgctaaggag ggagttgaca tcccccttct ggctcatgtg 1620
tctgacacca acaacatggg ctctgtccct ctctctttga ctctcccttt gtccctccca 1680
tagagctggg gtgggggtgga tccctatacc tggggcaggc agccccaag tgggggaggg 1740
ggatggcaga gactgtaaag gcgccactgg actctggcaa ggcctttatt acctttactc 1800
ccctccctct cccatcacca gcctcaaggc ctgaggggtg caggggctcc tggcagctac 1860
tgggtgaggt ttcctggcac agactcacc ttctttctgg caccacctct tcccttttg 1920
aagagacagc aacagccgta gcaaaagcag ctgctgctcc tgctatgagg gtgtatatat 1980
tttttaccac aagctctgga attgtacatt tattttttaa aactcaaaga gggaaagagc 2040
cttgtatcat atgtgaacat tgtatcatag gtaatgttgt acagaccctt ttatacagtg 2100
atctgtcttg ttctgtcagc aaaaatcctc tatggacata ggaggtgctg tgtcccatgc 2160
cctcttgccc tgacagtgtc ccatgggccc ccttctgctc cctgccccct cctgctact 2220
gctgatgcac tctcctctcc ctgcagcccc tggtctccca gccttctcc tgaccttcc 2280
caacagcctt ggaactccag ctgccaccac cctctgggtc ggacactggg acccactggc 2340
ccagtcttgg ctgctgctta cccctagcct tgatgcctgc ccagggagcc ccagccccct 2400
cccgttgccc tgcagcttta acagagtga ccatgtgtat ttgtacaggc gcggttgtca 2460
ttgcagaaac cgctgggtgg agaagaagcc gataaagtct atgaatc 2507

```

```

<210> 3836
<211> 2392
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2034)
<223> similar to gi5731366 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3836
atgtccgcgc agagcctgct ccacagcgtc ttctcctggt cctcgccgcg ttcaagtagc 60
gcggcctcgg ccaagggctt ctccaagagg aagctgcgcc agaccgcag cctggacccg 120
gccctgatcg gcggctgcgg gagcgacgag gcgggcggcg agggcagtc gcggggagcc 180
acggcggggc gcctctactc cccatcactc ccagccgaga gtctcgccc tcgcttggcg 240
tcctcttccc ggggtccgcc cccaggggcc accaggctac cgcctcctgg acctctttgc 300
tcgtccttct ccacaccag caccgcgag gagaagtcac catccggcag ctttcacttt 360
gactatgagg ttccctcggg tcgcgggcgc ctcaagaaga gcatggcctg ggacctgct 420
tctgtcctgg ccgggccagc cagtagccga agcgttcca gcatcctctg ttcacccggg 480
ggaggcccca atggcatctt cgttctcct aggaggtggc tccagcagag gaagttccag 540
tccccaccg acagtgcgg gcacccctac gtctgtgga aatccgagtt ggagttgtat 600
gatcttcaga tcttaggcac aaaaccacc atgaattccg atacacatcg taactttgac 660
cccaccgcaa cccttagaaa tcaggggtgat ttacactgga acagcatgtc aggcgcagc 720
gtacggctga ggtcagtcct catccagagt ctctcagagc tggagagggc ccggctgcag 780
gaagtggctt tttatcagtt gcaacaggac tgtgacctga gctgtcagat caccattccc 840
aaagatggac aaaagagaaa gaaatcttta agaaagaaac tggattcact aggaaaggag 900
aaaaacaaag acaaagaatt catccacag gcatttgga tgcccttata ccaagtcatt 960
gcgaatgaca gggcttataa actcaagcag gacttgcaga gggacgagca gaaagatgca 1020
tctgactttg tggcttccct cctccattt ggaaataaaa gacaaaacaa agaactctca 1080
agcagtaact catctctcag ctcaacctca gaaacaccga atgagtcaac gtccccaac 1140
accccggaac cggctcctcg ggctaggagg aggggtgcca tgtcagtgga ttctatcacc 1200

```

gatcttgatg	acaatcagtc	tcgactacta	gaagctttac	aactttcctt	gcctgctgag	1260
gctcaaagta	aaaaggaaaa	agccagagat	aagaaactca	gtctgaatcc	tatttacaga	1320
cagggtcccta	ggctgggtgga	cagctgctgt	cagcacctag	aaaaacatgg	cctccagaca	1380
gtgggggatat	tccgagttgg	aagctcaaaa	aagagagtga	gacaattacg	tgaggaattt	1440
gaccgtggga	ttgatgtctc	tctggaggag	gagcacagtg	ttcatgatgt	ggcagccttg	1500
ctgaaagagt	tcctgaggga	catgccagac	ccccttctca	ccagggagct	gtacacagct	1560
ttcatcaaca	ctctcttggt	ggagccggag	gaacagctgg	gcaccttgca	gctcctcata	1620
taccttctac	ctccctgcaa	ctgcgacacc	ctccaccgcc	tgctacagtt	cctctccatc	1680
gtggccaggc	atgccgatga	caacatcagc	aaagatgggc	aagaggtcac	tggaataaaa	1740
atgacatctc	taaacttagc	caccagcatt	tggaccaaac	ctgctgcaca	agcagaagtc	1800
atcagacaaa	gaattctcag	ttcagagttc	agcccgggct	gaggagagca	cggccatcat	1860
cgctgttgtg	caaaagatga	ttgaaaatta	tgaagccctg	ttcatggttc	ccccagatct	1920
ccagaacgaa	gtgctgatca	gacctgttag	gaccgatcct	gatgtcgtgg	actattttact	1980
cagaagaaaag	gcttcccaat	catcaagccc	tgacatgctg	cagtcggaag	tttctttttc	2040
cgtgggaggg	aggcattcat	ctacagactc	caacaaggcc	tccagcggag	acatctcccc	2100
ttatgacaac	aactccccag	tgtgtgtctga	gcgctccctg	ctggctatgc	aagaggacgc	2160
ggccccgggg	ggctcggaga	agctttacag	agtgccaggg	cagtttatgc	tggtgggcca	2220
cttgtcgtcg	tcaaagtcaa	gggaaagttc	tcctggacca	aggcttggga	aaggtaactg	2280
gagcctggcc	agcaggcgct	ggccaaaaca	agcgaccctc	ctcttggtgc	atgtggcatg	2340
gtgtggggct	cttcggacct	tctcttcgtc	tctcccttat	ttgatgtttc	tg	2392

<210> 3837

<211> 2950

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (20)...(1902)

<223> similar to gi5932010 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3837

tgcaagtga	ttcattcgga	gcctggacca	ctgtggatac	ctatctctgg	aggggtgtgtt	60
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gacaactggg	ctcctctgta	aatatacagc	tcaaagggttc	aagccaaagt	ataaattctt	180
tcacaagtca	ttccaggagt	acacagcagg	acgaagactc	agcagtttat	tgacgtctca	240
tgagccagag	gaggtgacca	aggggaatgg	ttacttgcag	aaaatgggtt	ccatttcgga	300
cattacatcc	acttatagca	gcctgctccg	gtacacctgt	gggtcatctg	tggaagccac	360
cagggctggt	atgaagcacc	tcgcagcagt	gtatcaacac	ggctgccttc	tcggactttc	420
catcgccaag	aggcctctct	ggagacagga	atctttgcaa	agtgtgaaaa	acaccactga	480
gcaagaaatt	ctgaaagcca	taaacatcaa	ttcctttgta	gagtgtggca	tccatttata	540
tcaagagagt	acatccaaat	cagccctgag	ccaagaattt	gaagctttct	ttcaaggtaa	600
aagcttatat	atcaactcag	ggaacatccc	cgattactta	tttgacttct	ttgaacattt	660
gccaatttgt	gcaagtgtct	tggacttcat	taaactgggc	ttttatgggg	gagctatggc	720
ttcatgggaa	aaggctgcag	aagacacagg	tggaatccac	atggaagagg	ccccagaaac	780
ctacattccc	agcagggtcg	tatctttgtt	cttcaactgg	aagcaggaat	tcaggactct	840
ggaggtcaca	ctccgggatt	tcagcaagtt	gaataagcaa	gatatcagat	atctggggaa	900
aatattcagc	tctgccacaa	gcctcaggct	gcaaataaag	agatgtgctg	gtgtggctgg	960
aagcctcagt	ttggtcctca	gcacctgtaa	gaacatttat	tctctcatgg	tggaagccag	1020

tcccttcacc	atagaagatg	agaggcacat	cacatctgta	acaaacctga	aaaccttgag	1080
tattcatgac	ctacagaatc	aacggctgcc	gggtggctcg	actgacagct	tgggtaactt	1140
gaagaacctt	acaaagctca	taattggataa	cataaagatg	aatgaagaag	atgctataaaa	1200
actagctgaa	ggcctgaaaa	acctgaagaa	gatgtgttta	tttcatttga	cccacttgtc	1260
tgacattgga	gaggggaatg	attacatagt	caagtctctg	tcaagtgaac	cctgtgacct	1320
tgaagaaatt	caattagtct	cctgctgctt	gtctgcaaat	gcagtgaaaa	tcttagctca	1380
gaatcttcac	aatttggtca	aactgagcat	tcttgattta	tcagaaaaatt	acctggaaaa	1440
agatggaaat	gaagctcttc	atgaactgat	cgacaggatg	aacgtgctag	aacagctcac	1500
cgcactgatg	ctgccctggg	gctgtgacgt	gcaaggcagc	ctgagcagcc	tgttgaaaca	1560
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gaatttggcg	ggaaatcgtg	tgagcagtga	tggatggctt	gccttcatgg	gtgtatttga	1740
gaatcttaag	caattagtgt	tttttgactt	tagtactaaa	gaatttctac	ctgatccagc	1800
attagtcaga	aaacttagcc	aagtgttatc	caagttaact	tttctgcaag	aagctaggct	1860
tgttggtg	caatttgatg	atgatgatct	cagtgttatt	acaggtgctt	ttaaactagt	1920
aactgcctaa	ataaagtgtg	ctcgaagcca	gtaagtgctc	tgggacctca	ttattttaag	1980
cctggtagtt	aaaaaaaaatc	ttgcaaaagg	atgccaaaga	agataaggac	gtggaaagaa	2040
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atcggcgcct	tgaagggaatt	ctcattcatc	tttgtgttac	ctttggtctg	ggtcacacca	2160
actggtatac	tgaatgcata	ttaacttagt	atagtgcctg	gcatgtaaga	gattctcaac	2220
aatattctca	ataaatattc	gctgaatatg	agataaatta	ttaatagcta	ctgaataaag	2280
aaagattatt	taaaaccaga	gaggaaactc	catatatgtt	ctttaatcca	aacagtttaa	2340
ttcaagcaat	ctggaatata	aaaagcactt	tctgatatta	gaaggagatc	agactcccaa	2400
aaaagatcag	cattcttttag	tcaagcaaaa	cttggaagtt	tacaaacagc	taaatcagaa	2460
gcttgaaaat	caggtcctct	ccagtacctg	ctacattata	tgtaatcca	aacatgactt	2520
cagagattaa	agaagaaaag	gaagatgttt	cccattcttt	tgtaccctat	ataaactaag	2580
ggtaccctgc	cctaactctt	tttccaacac	ttcccaaagt	aaccttctct	tacaaagaaa	2640
gaagtctaag	agaactctct	catctaaata	tatttaaagta	gaggcaagcc	tgaaaaaaac	2700
acaaaaacct	aaatggtggt	aggctgtggt	tcacctattc	tcatggcacc	tcaaattaat	2760
ggcttgggtg	ttggtgtagg	taacgcttgg	cctgtatggt	gaggtagtca	ctagataaaa	2820
ttctgggcac	aacatccgtt	tagcaattgg	gcatacattc	tacagattta	gccataacgt	2880
tctgaagctg	attattttac	agatcaacta	attaattcct	ctccctaact	ttacagatga	2940
gaaagctcag						2950

```
<210> 3838
<211> 1476
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(1477)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1479)...(1093)
<223> similar to gi5565689 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	3838						
tttttttttt	ttcctatttag	gaaaaaatgg	ggggaaaaaa	aaaagactgc	aaaggaagca		60
aacacaaagt	catgtaattg	cccattgccc	aagacgacag	cactatagaa	aacagttgca		120
agttaattct	cggagatgac	cagagatttt	tcagtgttta	cacaaaagta	catagtacat		180
tttttttttt	ttacaaaata	aaataaacat	catttgccac	cataaacctt	ttcttttagag		240
aggaaaaatt	tttgacgacg	gacacaaggg	ttctattaag	tcattttcaat	gcctgagaaa		300
aacaaaattg	agtaatatga	ctaatacact	ccctatatat	ggatgttaag	atgacaattt		360
agattatttt	tcaaaactaat	cctgaggaaa	aaatctgttt	acaattttaa	cagtaatggt		420
atgtaaaaag	tattattaac	aaatccccta	ttacaaatat	caatttccta	tatggtcttc		480
tatatataca	cacaataaaa	tggtaaatat	atgcaaaaat	atttaaaaaa	aaaacatgca		540
cagatcacct	tcccctttgg	aatctggact	tcctatcaga	taccttttgt	ttccttcccc		600
acctcatcct	ctgatactgt	tttttgtttc	tatcaccta	ccaacactga	atactattcc		660
ctataactct	gcataaagcc	aatgagaaat	atattttatt	taacctcaag	ctttaaatct		720
taaaatgacc	ctgttgtagc	atatgactta	tcaataaagc	agcccttttt	ttccctcttt		780
tttgcttgct	tttttttttg	ttttgttttg	ttttttttgc	agttgtcagt	cttcatgata		840
cattctgtgg	cgagctggga	aaaaacgcag	ttgctaagtc	aacgtctgaa	cagtgtgagg		900
ctcctgaata	tctcccagga	gtccctgctc	aactgtcctg	agcatgagat	cattgcacag		960
agaagacagt	ccaccgcgca	gcgctgacta	tctacagagg	tctgagaggg	gcgcgtccct		1020
cttgtgtttc	ctcttttttg	catggtaata	ctgattattg	gatttgcctt	gatgttgttt		1080
gtttgtcatc	aaggaaacct	ggcttggttg	agttgtacct	tggaagcctt	tgctggaaga		1140
acgaaaagag	cttgctgatc	catgctgaga	tttgttggtg	ctggttgatg	tgtagtggtt		1200
ttgggtgctt	tgcattttcc	caactgcctg	agaggactcc	aaggatacat	cttgcgaccc		1260
tactcgggtt	nccagtgga	ggacggcaaa	gcagctgttt	cggggttttg	catggtgttg		1320
catcggaatc	tacatcacta	gagctggact	gtgtggcaga	agaggacgac	actggacat		1380
tgcatgaagg	ctcagggtcta	ttcttcaagc	ccactgcctt	tgatatccaa	tctctatatg		1440
tggaacttcc	atctgttact	ctaattattc	ttccag				1476

```
<210> 3839
<211> 1045
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1046)...(60)
<223> similar to gi4587598 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	3839					
gttttttttt	cacatataac	atttaaaaat	cagtatttta	ttacaaatta	tatgttctac	60
agtccagcaa	tacaaagtg	tgcattagta	ccacaaaaac	caaaggaatt	ggtgaggcca	120
ataaatcttt	tctcagtttt	ccattcctgt	gccttttagtg	gaacatagtt	gagatcaaat	180
tctggttccg	aacaatccag	gtttaaagta	ggtgggtatgt	ttttgataat	aacaagctaa	240
tgggggtaaa	agctgcctcg	actgcccctg	cagctcccag	cagatgtcct	gttgctccct	300
tagttgagga	aactgcaagg	gcatatgcat	ggtctttgaa	gagatgtttg	atagctttgt	360
tttcagcagc	atctcccaat	ggtgtggaag	tagcatgtgc	attgatatag	gatatctcct	420
caggctgcac	acctgcatct	tttaaagcag	cagccataca	ccttaaaggca	ccttctcctt	480
caggatcagc	ggcagttatg	tgaccagcat	cacctgagag	tccatagccc	aaaacttctg	540
catagatccg	ggctcttctt	tgaacagcat	gttcatattc	ttccagcacc	agcacagctg	600
caccttctcc	cattacaaaa	ccatctctct	ttggatgaaa	tggtcgacat	gccaaacttg	660

gatctgagtt	tgtgctcaga	gcccgggctc	tggaaaaccc	agcaagagat	aaagggctaa	720
tacaagaatc	tgtacctcca	gccaccatca	catcagcatc	accatgggct	ataaatctaa	780
atgagtctcc	cacagcatga	gctcctgtgg	tacaggctgt	ggatactgca	tgatttgggc	840
ccttgagttt	atatcgaatg	ctgacctggc	ctgctgccat	attgaccaga	atcttaggga	900
caaaaaatgg	gctaaacttta	ttgtaacctt	ttgtctgaaa	attcaaagca	gtttcagaaa	960
caacttcaag	aggaatcatt	cccatgccaa	ttgcaacacc	agtagccact	tgatcagctt	1020
ctgactgagg	atgccagcca	gaatc				1045

<210> 3840
 <211> 612
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (613)...(440)
 <223> similar to gi4038413 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3840						
tttttttttg	atgttctgaa	ctttattttc	aactatttta	agcactctac	aaaatgctct	60
acaacattaa	gaaaacctca	gcaaaatttg	gggtgggaat	tagactctgt	ttatctgtca	120
tcaaaaatc	acgcaaacac	ttattttaag	tgtttaactt	aagatattta	actctgtgga	180
attctttgta	gatgatggta	tatttaaatt	ccacatatga	caatgaaaat	ttacccaag	240
catacaactc	tttaaaacaa	aataacacac	attttttaaa	actgtttcag	attaagttgt	300
tttgcttttt	ttcctagaca	tgaaaactaa	gctcaatctt	tttccccagt	cacagccttg	360
agcttatggc	agatttgac	aaagtatacc	aatttcttct	tggattgtcc	atctagtgat	420
gccagtagtt	catgccatca	caggtagaag	agatggttgg	ctaattccag	actgggttct	480
ttatgaatgc	tttgtgccac	cagaaaggtc	agcttgtag	catactgaca	tggtgctggg	540
acactgacta	tgcccgcca	gttgtagtac	aggtgggcac	aatttgaatg	taagtctctg	600
catatggtcg	gg					612

<210> 3841
 <211> 2018
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (25)...(487)
 <223> similar to gi951231 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	3841					
tgtgccattg	cattctgaat	tattggtgtg	atgaaccaag	gagtggctcc	ctattgtaag	60
gactccaaca	ccgggtggaa	gtccatatgg	acaacaggtg	gtagtttttg	ggcctccatg	120
gcagcaggca	ccacctccat	attccggtcc	acatccagct	ggacccccctg	tcatacagca	180
gccaaacaaca	cccatgtttg	tagctcccc	accaaagacc	cagcggcttc	ttcactcaga	240
ggcctacctg	aaatacattg	aaggactcag	tgcggagtc	aacagcatta	gcaagtggga	300
tcagacactg	gcagctcgaa	gacgcgacgt	ccatttgtcg	aaagaacagg	agagccgcct	360
accctctcac	tggctgaaaa	gcaaaggggc	ccacaccacc	atggcagatg	ccctctggcg	420
ccttcgagat	ttgatgtctc	gggacaccct	caacattcgc	caagcataca	acctagaaaa	480
tgtttaatca	catcattacg	tttcttttat	atagaagcat	aaagagttgt	ggatcagtag	540
ccatttttagt	tactgggggt	ggggggaagg	aacaaaggag	gataattttt	attgcatttt	600
actgtacatc	acaaggccat	ttttatatac	ggacactttt	aataagctat	ttcaatttgt	660
ttgttatatt	aagttgactt	tatcaaatac	acaaagattt	ttttgcatat	gtttccttcg	720
ttttaaacca	gtttcataat	tggttgtata	tgtagacttg	gagttttatc	tttttacttg	780
gtgccatgga	actgaaacca	ttagaggttt	ttgtcttggc	ttgtgggtttt	tgttttcttg	840
gttttggttt	tttttatata	tatatataaa	agaacaaaa	gaaaaaacac	acacacacac	900
aagagtttac	agattagttt	aaattgataa	tgaaatgtga	agtttgcct	agtttacatc	960
ttagagaggg	gagtatactt	gtgtttgttt	catgtgcctg	aatatcttaa	gccactttct	1020
gcaaaagctg	tttcttacag	atgaagtgtc	ttctttgaaa	ggtggttatt	tatgttttag	1080
atgtctaata	gacacagcac	atttgctcta	ttaactcaga	ggctcactac	agaaatatgt	1140
aatcagtgtc	gtgcatctgt	ctgcagctaa	tgtacctcct	ggacaccagg	aggtgaaaaa	1200
gcactttttc	aattgtgtcg	agttagacat	ctgtgagtta	gactatgggtg	tcagtgattt	1260
ttgcagaaca	cgtgcacaac	cctgaggtat	gtttaatcta	ggcaggtacg	tttaaggata	1320
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tttaaacctg	ttacattgaa	aaacattgaa	gttcgtcttg	aagaaagcat	taaggtatgc	1440
atggaggtga	tttattttta	aacataacac	ctaacctaac	atgggtaaga	gagtatggaa	1500
ctagatatga	gctgtataag	aagcataatt	gtgaacaagt	agattgattg	ccttcatata	1560
caagtatggt	ttagtattcc	ttatttcctt	attatcagat	gtattttttc	ttttaagttt	1620
caatgttggt	ataattctca	accagaaaatt	taatactttc	taaaatatatt	tttaaattta	1680
gcttgtgctt	ttgaattaca	ggagaaggga	atcataattt	aataaaacgc	ttactagaaa	1740
gaccattaca	gatcccaaac	acttggtttt	ggtgaccctg	tctttcttat	atgaccctac	1800
aataaacatt	tgaaggcagc	ataggatggc	agacagtagg	aacattgttt	cacttggcgg	1860
catgtttttg	aaacctgctt	tatagtaact	gggtgattgc	cattgtggta	gagcttccac	1920
tgctgtttat	aatctgagag	agttaatctc	agaggatgct	tttttccttt	taatctgcta	1980
tgaatcagta	cccagatggt	taattactgt	acttatta			2018

```
<210> 3842
<211> 2476
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (7)...(1266)
<223> similar to gi2895758 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 3842

cggacgcgtg	ggaaacttac	tcttgatgga	gacactgttg	attccattac	tcttgacaaa	60
gtacgaggtt	taagggatat	gctgaacagc	agtgcaatgq	acataatgta	ttatactagt	120

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ccactttata gagatgaact agttaaaggc cttcagcaag agctgaatcg attgtattcc 180
cttttctggt ctcggaatcc agactttgaa gaaaaagggg gtaaagtctc aatagtatca 240
cattccttgg gatgtgtaat tacttatgac ataagtactg gctggaatcc agttcggctg 300
tatgaacagt tgctgcaaaa ggaagaagag ttgctgatg aacgatggat gagctatgaa 360
gaacgacatc ttcttgatga actctatata acaaaacgac ggctgaagga aatagaagaa 420
cggcttcacg gattgaaagc atcatctatg acacaaacac ctgccttaaa atttaagggt 480
gagaatttct tctgtatggg gtccccatta gcagttttct ttgcgttgcg tggcatccgc 540
ccagggaat actggaagtc aagaccatat tttgcctaga gagatttgta accggttact 600
aaatattttt catcctacag atccagtggg cttatagatt aggaaccatt aatactggaa 660
acactacagc aacattttca cctgtccaga tccactgggt acaatacttc aaatccttta 720
ccttatgaac atatgaagcc aagctttctc aaccagcta aagaacctac ctcagtttca 780
gagaatgaag gcattttcaac cataccaagc cctgtgacct caccagtttt gtcccgccga 840
cactatggag aatctataac aaatatagc aaagcaaggc atattagggg gctgctaggc 900
attggaagg gacttgagg aatgttgttc tcaaggtttg gacgttcac tacacacag 960
tcatctgaaa cattcaaaag actcaatgga agatgagaag aagcccagtt gcctcacctt 1020
ctgcctacca cccgtaggga cacagacct tccacatagc agttctggct tcctcgattc 1080
tgcatggag ttggatcaca ggattgatt tgaactcaga gaaggccttg tggagagccg 1140
ctattgggtc gctgtcacgt cgcatactgc ctattgggtc tccttggatg ttgccctttt 1200
tcttttaacc ttcatgtata aacatgagca cgatgatgat gcaaaaccca atttagatcc 1260
aatctgaact cttgaaggac atgaatggcc taaaactgat tttttttttt tccgttaaaa 1320
gggggggggtc aagatacgga gatttcaggg ttaaagtata ttccagtttt ctttagggca 1380
acatatattt gaatttaaaa gcactttatt taaaaaaaaa aaaagtttt cagttctgaa 1440
aaagtcattt acagtttgca tcattttaat tatgagtctg acaaaacctt ctccaaaaaa 1500
tcaagcaaga cctggatgtg aaaaagggtt gggtaaactg catgtaaagg ctacaaatca 1560
caatctgatt cctcccaa ataaaggcat atggaacata atgtattaac caaagtatgt 1620
tataaatcaa aaatggtcaa ggttcagcat attctatatg aaaatcaca ggggggtatcg 1680
ttttaaattt ctatgaaggc ttccatttgt acatcccttt gaaaaaata aacagattta 1740
aaatgttttg aatttaactt gtttagaaaa actaatgctt aaaacaatat ttgaactact 1800
gtatttataa ttattacct ctaattgctt tatttcagtg tatgagacat tactgtttta 1860
atgtttgctt tgaacataa ttaagaacca gatttatttt ctatagtgat aaaccctttt 1920
ttctcagaac tccatctttg tactcttcag atgaatatat agacactgtg gcatacattt 1980
tttttcatta aaaacttatg gcttcataca acactagttc aattttttta ataaactttt 2040
tattatgtta catgtacttc agagaaagct aaagtttctc taaacttgac acggagtact 2100
ccataatggg tacatttcat tagctttatt agaaaactag taaatgcttt tgaataggta 2160
gtatgacagc tattttaaat gtataaacat ttgtgtgcc aacaacatat atgaagggat 2220
gtgatgccac taactagtgc acattgtttc tcaatgtgcc attgagacac aaggcacagt 2280
aagtcaggat tctgaggcat tggagggtt ttcttcagct gtaattgttt ccacagtgt 2340
tttcatctga ggggctcaaa gtttaagagt gcattcaata acccatgtac tagcttcttg 2400
aggtaagtaa ataaatcttg ttctcatgtt acatgttaat acaccaaggc accaaaacat 2460
ttaaagtgcc atgaat 2476

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<210> 3843

<211> 672

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(581)

<223> similar to gi4895183 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<211> 461
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(462)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (461)...(181)
 <223> similar to gi4902922 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3845
 cagttcttcc atttcgtacc aggcttcgca gccttcagcc tgcattcgtg gcccggcaac 60
 accaacaag cgggcggttg gcacatgttc ttccagagcg cggattaaac cggccccag 120
 gatatcgccg gaggtttctc cggcgaccag ggcaatcggt aatggacgct gtccagtcac 180
 taacgaatca aaccgcgcgt tgagcgtgca aagaaatcgg taaaggcttt cacttccgga 240
 tatgtttccg ccagttcagc aatttccggt ttcaactcat cgagcgtttt accgctacga 300
 taaatcagct tatacgcat gcggatagcg gtaatcgctt caccggttgaa tccgcggcgc 360
 ttcagccctt cgatattgac acccgaacgg cgttgcgtgg ttaccctgcg caatgacata 420
 aggagggacg tcttgcgcca caccggagca cccgccncc t 461

<210> 3846
 <211> 2573
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (497)...(1847)
 <223> similar to gi5257201 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3846
 gctgcggctc ctcccggggc cgtttccggt tgtctcagcc gcggcgcaaa gggcacatcg 60
 gcctgaccga ctagccggct gccagtgcg ggagcgccg cgtccatccc cgcccgctg 120
 gccggggacc caggactgag tcgtccagct gcgcccctcg cccatagccc cagcgggcgc 180
 cgggcgggag agcagctctt cggcccttcc cggacagcga cgcagtcgca gcgcgcgccc 240
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 gctaccatca ctaagggtcg aaaacacagt taaatcactt tcaaagttaa aagactatta 360
 agaacacaag atggggactc ctgcttctgg aaggaaaaga acacctgtga aagaccgatt 420
 ttctgcagaa gatgaagctt tgagtaacat tgccagagag gcagaggcaa ggctggcagc 480
 aaaacgggct gcccgggcag aagcaagaga tatacgcatg agagaactgg aacgacaaca 540
 aaaagagttg gatgaaaaat ctgacaaaca gtatgctgaa aattatacaa gaccttcac 600

tcgaaattct	gcctcagcaa	caaccctct	aagtggaaac	tcatccagac	gaggaagtgg	660
ggacaccagc	agcttaatag	atccagacac	ttcattaagt	gaattgcggg	atatctatga	720
ccttaaggac	cagatacagg	atgtagaagg	gagatacatg	caggggctta	aagaactaaa	780
ggaatctttg	tctgaagtgg	aagaaaaata	caagaaagcc	atggtttcca	atgcacagtt	840
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tccccgatgg	cactcccaat	ggtgatgtca	gtcatgaacc	agtggctgga	gccatcactg	1320
ttgtgtctca	ggaagctgct	caggtcttgg	agtcagcagg	agaagggcc	ttagatgtaa	1380
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acaaattagc	gaatacaaat	ttaagctttc	aaaagccaga	acaggatata	actaccttgg	1620
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aacagcactg	gacaagattg	aggagatgga	gatgaccaac	agccacctgg	ccaagcggct	1800
ggagaagcat	gaaggccaat	aggacagcac	ttctggccca	gcagtaggaa	aaccaccctt	1860
caacctgggt	gatgctcctt	ggggccctac	ctagaggggac	tgacttttgt	ccattgacac	1920
aaaccccttt	taagtacctg	ttttgagttt	tgtcattaaa	acaagccacc	tttgtatttt	1980
ataatttatg	acagaattga	agtcattttg	aatctacatg	aatgaacact	ttggattttt	2040
gttgagttt	gattctaggg	tagaaccagt	ccatgctgtt	tttatttttt	atctccgtaa	2100
ttgtagaatc	atgtttactc	aacgtttttc	cccagctgcc	ttagtaactg	ggcactcgga	2160
ggccttgga	cgggttcttg	aggacagaca	gcaattctat	gagtgtcac	tgagatactt	2220
gctggagacc	tcagaaaaca	caagtgcctt	ctccacggtg	caattcagac	ttcagtgatc	2280
tccagtggtc	aaaagacatt	tacccttaat	atcagacaac	atztatattt	tagtgaagaa	2340
acaagttctc	gggtggggaa	tctatgtttc	actcagattt	atatgttttg	aggaaaaaag	2400
cctttttttg	taaaatattt	aaatttatat	agaaaaatgt	tagaaaaaaa	tatggggagt	2460
gtatataaaa	cttgctttat	tgcatggggc	aggggaagtc	caggccta	actcctaaag	2520
taagagttgg	gtcctttttt	tcttcaatac	aactgtgctg	taccttgtaa	aaa	2573

<210> 3847

<211> 1482

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1479)...(1311)

<223> similar to gi299471 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3847

aaaccatctc	ctcccataaa	gtaattcaaa	aataaagtga	gattgtttac	atgaatagaa	60
agttgatgaa	ctgtgagaat	tggggcttcc	cttgcttact	ccagcctggg	tgacagagtg	120
aggctttgtc	tcaaaaaata	aaataacaaa	ataaatgaaa	taagataaaa	taaaaataca	180
gtactttgat	aaggaaaggt	aactgtcaga	aaggtgcgat	tcccccagtc	ctcacttagg	240

[illegible]

<211> 919

<213> Hom

<213> Homo sapiens

<220>

<221> misc feature

$$\langle 222 \rangle \quad (212) \dots (814)$$

```
<223> similar to gi3881553 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

ggaacatgga	gcgggggccc	gtggtggggg	caggactggg	ggcgggggcc	cgtatccagg	60
cactgctggg	ctgcctgctc	aagggtgctgc	tctgggtggc	ctctgccttg	ctgtactttg	120
gaagcgaaca	ggccgcccgc	cttctggggca	gcccctgctt	acggcgccctc	taccatgcct	180
ggctggcagc	agtggtcata	tttggggccgc	ttctgcagtt	ccatgtcaac	cctcggacta	240
tcttcgccag	ccacggcaac	ttcttcaaca	taaaattttgt	gaattcagcc	tggggctgga	300
catgcacttt	cttagggggc	tttgtgttgc	tgggtggtgtt	cctggctaca	cggcgcgtagg	360
cagtaactgc	cagacacctg	agccgactgg	tagtaggggg	agccgtgttg	cggggagccg	420
gccggggcctt	cctgctcata	gaggacctga	ctggctcctg	cttcgagcca	ctgccccagg	480
gtctgctgct	ccacgagctg	cctgaccgcc	gcagctgect	ggcagccggc	caccagtggc	540
gaggctacac	cgtctcctcc	cacaccttcc	tgtcacctt	ttgtgtcctg	ctcatggcag	600
aggaagcagc	tgtgttcgcc	aagtacctgg	cccatgggct	tcctgccggc	gccccactgc	660
gccttgctctt	cctgtgaac	gtgctgctgc	tgggcctctg	gaacttcttg	ctgctctgta	720
ccgtcatcta	tttccaccag	tacactcaca	aggtggtggg	cgccgcagtg	ggcacctttg	780
cctggtaacct	cacctatggc	agctggtatc	atcagccctg	gtctccaggg	agcccaggcc	840
atgggctctt	cccccgctcc	cactccagcc	gcaagcataa	ctgaaagaaa	taaaaacccat	900
cgggcctgaa	aaaaaaaaa					919

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1905)...(245)
 <223> similar to gi4929773 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3850
 cctttttttt ttttttaacc ttagtttagg taaatttaat gactgtaaaa gctgttcaca 60
 tagcagcttt aaagagacac gttttccact gacataaagt tgcttcgccc cttgcagctt 120
 atctccacct tcatgacctg tttcctcagt ggcaggcaat gtctcccctt cctgttgggg 180
 aggattgcc aagtcagctc tgaggccatc ctctcaggtc agcaatatgc agaagagtcc 240
 ctgagagtgg tctgcagag aacatgtccc ctaagtgtct gagaactggc tgaggtgatc 300
 ttcaccagca catagtcccc aggtctgggt ctgaccctga gcccagggtt attgacatcc 360
 tccatctctg catcaggga gatcacctta aggtttccat cattcctgcc acacaggtca 420
 gtggcagagc gtttactgag cccttccact agcaccaact gggtagagcc cacagaggtc 480
 tgattggctt ttgttgcttc ttctcggaag atagtgatga gttcctccaa acgccttaat 540
 tttacctctt ccgggacatc atccttcagc ctatgatatg cccgtgtctt ctgtctcatg 600
 ctgtaggcaa agaggaagcc catgttgtac tgaacttccc ggagcaaaga gactgtctgg 660
 acgtgatctt cctccgtctc accacaaaag ccagcaatga aatcgctgct gagggtcaca 720
 cctggaatag attctcta atgtgaact aactccacat aagcttctct tgaatatccc 780
 ctccgcatgg cctccaacac acggtctgct ccactctggg ctggcagggt gatctgttta 840
 cagatgttat ctctctcatg aatcagctgc agaacctcat caggaaaatc cttgggggtg 900
 ggagaggtaa aacggatcct catttcagga tctactctgg agacctgatc cagaagatga 960
 gcaaaacgaa gtctctcttg cttggtttta tagttgggtg taaagccacg actgagattg 1020
 gtaggcactg cactgttgaa ctggacctcc gaattgtccc gaaaactatt aacattctga 1080
 ccaagaagtg tcaattcttt cagccccctgt aatcccaaca ctttgggagg ccgaggtggg 1140
 aggaacacct gctcagaaag cttcttcact tcctctagaa tggaggcaat aggccgactc 1200
 ctctccctgc cccgggtgaa aggaacaatg cagtagctac acatgttgtc acagcctcgc 1260
 atgattgaca caaaggcaga cgtggcactg gcgcttgtct ggactggcat gacatcagca 1320
 taggtctcgt ccagagagag cagcacgttg gcagcttgc ggcccgactc agcaacagcc 1380
 agcagccggg gaaggtccc gtaggcatac ggaccagcca aaatatctac cattttctct 1440
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 ggaaccggg agcggggccg ccttgtcttc aaggctttaa gctgatgtaa acggttccag 1560
 atggtctgct cagccttctc cctgatagag catgtgacaa ggagaatcac atctgctctt 1620
 gaggttactg gtcgcaggta gccactcttc tgtaagatgg accaggctat ctctgtgtca 1680
 ttcacattca tctggcagcc ataggtctcg aggtagactt ttctctgcct tccaagaagt 1740
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 gctgaggcac tttttaaaaa atgttgaaaa gtcggtccag cagccagcct ggagctgaaa 1860
 tccttccgag ctccatctc ctgcctctct ggactgggac acat 1904

<210> 3851
 <211> 4114
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(4115)
 <223> n = a,t,c or g
 <220>
 <221> misc feature
 <222> (4115)...(819)
 <223> similar to gi3882183 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3851

tttttttttt	ttggtctttt	atggtcgttt	ttgtcttttt	tcttcttttt	tccccatttt	60
ttcaaggatg	gaaagggtcag	agaaaaataa	aataaaacat	ctttcaatag	tctttccttg	120
taaaagcagc	gtctctcttg	gctggggagt	aaaggggtgtg	gggcaagggg	agtggggaga	180
ggctgaaacc	ttcccccaaa	ccccagtttt	agatcctttg	gtttccttct	cccagaagat	240
ggcagaagg	catggtggga	acagcaggga	gaaaatatgg	tgatgacaaa	ccccagatga	300
tcaaggggct	gatgctcctg	gggcccagag	gtaccaccag	agccttctat	gagacagtgc	360
tgggcaatgg	gggggcccgc	agggccttct	tgtgggctgc	atagttggct	tgagggggag	420
caggaggtta	gggggtggga	ccagggttgc	agcctactag	cctcgggcag	ggctgcagag	480
tgatttttgt	aatccagatg	aactatcaat	aatttaaaac	ttgatataata	tatatgtata	540
tatatataaa	aatctcccc	ctttccctcc	ccccttagaa	gaagctagga	tgtcaagagt	600
catggagaga	ggagggggaa	ggggatgtag	aggctcctgc	ccaggggtac	ctctgatagc	660
ccaaatggtg	tatacattgc	tactcagcac	aaaggcctgt	cctagtaact	ccaggcctgt	720
cccttcattg	tcccctctcc	tgggactggg	cacccccatg	gactcttacc	caccctaccc	780
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gagtgcctgg	ttgtccattt	ggcatcttcc	cggacaggct	ggccgggtggg	tggtgtaggg	900
ggttggtcga	tcatggcagc	aggcctgctg	gaagactggg	aggggcaccg	cttcctgccc	960
tcaccgcccgc	cacctcctgc	taccactgag	tgtcgcttgt	ggttgccctc	ctcaccatg	1020
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aatgactgag	gggtacagcc	atagctgcca	actgtaggcg	tcccttctga	ggggctggag	1560
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aagttctcga	cttcttgctt	gatctgggaa	tactcaggtt	caaacttttc	agcccacagg	2040
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ggcactgggg	tgactgcacg	aggagagcca	ggtgccgact	ctgtctcctt	ttggtagtgc	2580
tgacggggaa	caaattcagg	gcagttgaga	agctgggaga	aatcagtcctg	tgaataatcc	2640

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actattgggg gaagaggcca cttttctggt tcctccctcc tacgaacttt ctcatcaacg 2700
atctccacca ccttgctgtc ctttagggcc gcaaagatga gtgaaatgtc agtggttaagg 2760
gcctgcactc ggtggaagga agcaataagg gtgatgggta ggaaaccatc agcatccatt 2820
ttccttcgca ggaagaagtc tcgctctaaa ttgtccacgc tgaagtagta ttcaatctgg 2880
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tcaaactttc ggtagccaaa ctggtagtca aaatgggttc gagtgccacc ccggccgcgt 3060
ccccggccgc gaccacgccc ccgtccacgg ccacggaagg aagcccgcgc cccaccagcc 3120
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gccccccact ctgcagtcca ggcctcctag gcgtgcgtcc cccccgccc gtctctcgca 3960
agacgcccc accccgagcc cggcaggctt ctagtcccgt ccctccctcc cccccgccc 4020
cggggcgggc cgggcttccc ggctcggggg ctgcagcaat atggacggac gggggagagg 4080
cgcgcgagac caagcagacc acgcgatccg cggc 4114

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<210> 3852
<211> 339
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (27)...(39)
<223> similar to gi57053 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3852
ccatagcctc caccttaagt aactagaaaa aggaataaat tacacaccaa acaagcaaaa 60
gataagacat aataaagatc aaagcagaaa gcaactaaat agaaaacaga aatacaatca 120
aggacatcaa tgacaccaa gctttgatgt catttgatga cacctttgag aagatcaata 180
aaattgataa acctttagct ggattgactg tggattaaaa agagaagaca gaacaatcaa 240
tggtaggaac taggtaatat cactatacta caccacaaat agtaaaagaa taataaggga 300
atactaggaa caaaattagg cataaaacat atactttta 339

```

<210> 3853

<211> 5059
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(4524)
 <223> similar to gi473941 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3853

ggcggcgggcg	agccgggtgcc	ctgggatcat	ggtggcggttg	cggggccttg	gtagcggcct	60
gcagccctgg	tgtccgctgg	atcttagact	cgaatgggtt	gacacagtgt	gggaactgga	120
tttcacagag	actgagcctt	tggatccag	catagaagca	gagatcatag	agactggatt	180
ggctgcattc	acaaaactct	atgaaagcct	tttacccttt	gctactggag	aacatggatc	240
tatggagagt	atctggacct	tcttcattga	gaacaatgtt	tcccatagta	cactgggtggc	300
attgttctat	cattttgttc	aaatagttca	taagaagaat	gtcagtgtac	agtatcgaga	360
atatggcctt	catgccgctg	ggctttactt	tttgctacta	gaagtaccag	gcagtgtagc	420
caatcaagta	ttccaccag	tgatgtttga	caaatgcatt	cagactctaa	agaagagctg	480
gccccaggaa	tctaacttga	atcggaaaag	aaagaaagaa	cagcctaaga	gctctcaggc	540
taaccccggg	aggcatagaa	aaaggggaaa	gccacccagg	agagaagata	tgagatgga	600
tgaattata	gaagaacaag	aagatgagaa	tattttgttt	tctgcccggg	acctttctca	660
aattcgaaat	gccatctttc	accttttaaa	gaatttttta	aggcttctgc	caaagttttc	720
cttgaaagaa	aagccacaat	gtgtacagaa	ttgtatagag	gtctttgttt	cattaactaa	780
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agttggtgaa	ggatcccatc	gtgccccctt	tgtgttacc	tcccaagtca	tcaactgtag	1020
aaaccaggcg	gtccagttta	tcagcgccct	tgtggatgaa	ttaaaggaga	gtatatccc	1080
agtcgtccgt	atcttactgc	agcacatctg	tgccaagggtg	gtagataaat	cagagtatcg	1140
tacttttgca	gccagtcctc	tagtccagct	gctcagtaaa	cttccctgtg	gggaatacgc	1200
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```

agacctgttg gtgaagtaca tttttacctt aggggatata gcccagctgt gtccagccag 2640
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gaaagtgtca agccccattc cagataagcc tataatctgg tcctttaagg gaacacaact 4860
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tacataattt cccatctgta atgacgaaat tttgattcta atattttttc tattatttat 4980
aagggcaaat tttttaaaaa aagtgtacag cttttctaaa agtaataaag gtttagcata 5040
aatacacgca aaaaaaaaaa 5059

```

<210> 3854

<211> 1964

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (344)...(847)

<223> similar to gi4760400 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3854
attcagcatc ttttcttctc aagacgctga atgtaatctt agttgtaaat acccatcacc 60
tgccagtcac cgagcactca tgcaccaggg ctttgcgtta tgtcctaaga tcctcataac 120
caccctgcaa ggggactatc atcattacct ctgtattaca gatggagaaa ctgaggcaca 180
gagaggtaac gtgacttgtc tcaggccata aagctgggga aagtagtgga gctgggtttg 240
aacctgagct gtgagacctc agagccctaa actctgggtgc ctgtgtgttc ccctttcaac 300
ccagactttg gaaatcagta gacaccatat gcttcaaaaa acaggagcta ttaaaatgac 360
atcaggagcc agaaagtctc atggctgtgc tttctcttga agtttataca acaaccagat 420
caccgatgtc ggagccagac tgggaaaaaa caaaataaca agtgaaggag ggaagtatct 480
cgccctggct gtgaagaaca gcaaatcaat ctctgaggtt ggtcttgcgt ccaacggcat 540
ctccacagaa ggaggaaaaga gccttgcgag ggccctgcag cagaacacgt ctctagaaat 600
actgtggctg acccaaaatg aactcaacga tgaagtggca gagagtgttg cagaaatggt 660
gaaagtcaac cagacgttaa agcatttatg gcttatccag aatcagatca cagctaaggg 720
gactgccag ctggcagatg cgttacagag caacactggc ataacagaga tttgcctaaa 780
tggaacctg ataaaaccag aggaggccaa agtctatgaa gatgagaagc ggattatctg 840
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ccactctggg cagtcttttg tgtcagtgtc ttaaaggggc ctgcgaggc gggactatca 960
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acagtaaata cactgtgaag agactttatt gcctattata attattttta tctgaagcta 1140
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tagggacca cgggagcgag ttggtcaccg ctcttttcat tgaagagttg aggatgtggc 1260
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aatattttct tccttctcag cactttccca tgtattgata ctggccccac ttcacagctg 1380
gagacaccgg agtatgtgca gtgtgggatt tgactcctcc aaggttttgt ggaaagttaa 1440
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ggcaaagata gagaatgccc tcagctctta gctgggtctaa gaatgacgat gccttcaaaa 1560
tgctgcttcc actcagggtc tctcctctgc taggctaccc tcctctagaa ggctgagtag 1620
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ctcaggggat cggtgggaa ctgggccagc agagcatgtt ggacaccccc caccatggtg 1860
ggcttggtgt ggctgctcca tgagggtggg ggtgatacta ctagatcact tgtcctcttg 1920
ccagctcatt tgttaataaa atactgaaaa cactaaaaaa aaaa 1964

```

<210> 3855

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1190)...(79)

<223> similar to gi4929601 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3855
cacagtccaa agacatgggc agcaacaaag gacacacaat gactgaaacc attaacgtta      60
cctttttggaa tctctcagtg ccctgagcaa tctgtgtgtc tacctacaga tgggcaaagc     120
attttttgcac cctggcccca tcccagttc tcccgtaga actcagtcct ccttgaagac     180
ttggtgatgc ctgtcaattg agtccccatt tagcggctca ttgtgcccag gggctcacat     240
ctgcaagtta aaattgcttt tatcaacatc tgatacaatg gttctcattt cacataaata     300
atcacagact tgactaaaaat gaatatatta ttctagggtta atttttttcc attcaaatgt     360
ttatactcca tctacccaga acaattacag cagaaaaaat aggcacctcc aaagtcttcc     420
caagaatgat gacttttctga aatgacacac tgtacaaact ggacaaatga gacgactgac     480
tgtgacaggg gccggggagc tcttcaaggg gccgttttct tcaagtctcg gatctgttta     540
atcaagtagt tcttctcgtc agcgaactgc tcatcatccg tcctttcttt ttggaagctg     600
ctcagaaact caatgagttt gggctgattt tttaacagga tctccacaat aggctgtgtt     660
ttgtgaggac tggccacaaa caccttaaaa acatgaaagg cttcaaactg gatgttggga     720
cttttatccc gaaggagggtt catcatgagt ttcagggttct ccggcttgct gatatacttt     780
gtcatgatgg caaagttgtg acgggtccagg atcagctccc ctacgagctt taaagactgt     840
ctcttagtaa cataattctc agactgaagc aatttctcat agtcttcaaa aatagtgtcg     900
taattttgtt ctaagaagtc tgctaccaac actttatgtc tggttagtaa atccttgaaa     960
gtagcaaagg catctgaagc aatatcaaat gttgacaact ccacgtactt aaagaaatct    1020
ctgaattgat tagaaaagag gatgattttg gcaagtgggt catgtcgaat acattctctc    1080
agcataatcc cacaacgtaa ggcaatctgt ggggcttcat atcctttgag gagcataaac    1140
aggatatgag gatgagcact aatatactcc acagtaggac ttcgagtgct a              1191

```

```

<210> 3856
<211> 360
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (49)...(145)
<223> similar to gi995654 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3856
gagataaccc acattgttgg agagacagct gcctttctat gccccaggct gagggctgaga      60
cggggtggga aggatggatc cccaaagcct gggttcttgg cctcagtgat tccagtgagc     120
aggcgtccag gtgagtagga catccagaag atttggaact ggagatgttt ccccctattt     180
tgagtgtcca gattaagagc tggctgccct agtcatttta aaacatgctg ggaatccaag     240
ttgggtctcc tcattttaat gatgtctagg ctgagggctg ggcctttcat tcttgagtcc     300
ctgggctcag aagtgggtct cttccctcc tctcagggtta ctgaggaagg accccagggtg     360

```

```

<210> 3857
<211> 380
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (125)...(322)
 <223> similar to gi3114713 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3857
 aaaaatacta ctggtggcct tcagcagaat cccaggggcc tgatttagcc tggcggccct 60
 gcttaaagtc caggtggttg cagagggggt gggccataac ttacctgccc tgtatactgg 120
 gggaacacag gtggagtttt ccgaagcccg gatttatgag gagaccctga acattatgct 180
 gtatgaggcc caggatggcc ggggacctga caatgcgctc ctggaggcca caggcgggtgc 240
 ggcggtgcgc tcccaccacc tggacgagga ctaggagcgg aagcggatcg agcgcgtgcg 300
 gaggattcac attaagcgcc cttgggaccg ggccattctc accagtgagc aggctggata 360
 ccgagccgcc cttttttacc 380

<210> 3858
 <211> 927
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (925)...(655)
 <223> similar to gil389766 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3858
 cgggttgagt tgggtatcca ggggtctacac tgctcatggg ctagaggaga gagttgccag 60
 aattccgatg gttaaccttt catatctgtg aacgctaact accccttttag gtcaccaatc 120
 ccaagggata aatcaaccac ccgggcacat cataatcaaa ccaataaaaa ccaaagacaa 180
 agattcctga aaataactcag agaaaaataa catgtttcat acaggggaaa tattacttta 240
 atggctgcac atttctcatc agaaaccatg gaggctgaaa gaactgtcaa cacagtagtt 300
 tatatccagc aaaaatatct ttcatgaatt aaggcaaaat aaagacattc tcagatgaag 360
 aaaaaataag agaattaaat gtcaacagac ctgcactaaa agaaattttc cagatgaaaa 420
 ggactgatac ctatgtaaac ttggaacatc aagaattaag gaagattaat acaaatgata 480
 aatattgtgg taaatgtgac agactgtttt cctcttgggt tcttaaaaat atctatgata 540
 gttgtaagga aaaaatacat tatctgatga gtcttatttt ttatttttat tttttgagac 600
 acagtgtcta gctctgtcac tcaggctgga gtggagtgga gtgatcttgg ctactgcaa 660
 cctttgcctc ctgggctcaa gtaatcctcc cacctcagcc tcctgagtag ctgggaccac 720
 aggaacatgc caccacgcct agctaatttt gtgtattttt tgtagagttg gggtttcccc 780
 acattgtcca ggctggtctc gaactcctgg acttaagcaa tctgctcgcc tcggcctccc 840
 agtcctggga ttacaggtga gccactgtgc ccagccaagt cttatgattt ataagaaaat 900
 tataacataa aggggagagg gtaaagg 927

<210> 3859
 <211> 374
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (10)...(9)
 <223> similar to gil619929 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3859
 aaatttttta aatgtgcaag accgctatat aggaagctac aaaaaaaagt actgaaaaaa 60
 attaaggaca acataaataa atggagggat ataccgtggc catggattag aagactcaat 120
 atcataaaga tgtcagttct cctaaaattc atctaataatg tctaacaatg taatctgaat 180
 gaaaagatat tcaaaatgaa aatcaaagca catggagatg aaaagtttta acattctaaa 240
 taaaccagat ctaggtaata aaggaaatca aaaccacat ctgagactat ttaaaaaatg 300
 caaaagtgag atcactatcc attaaaacct gtgggatttg ccaaaaccgt actcaaaaga 360
 aaatgtaaca gcgg 374

<210> 3860
 <211> 428
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (6)...(167)
 <223> similar to gi5689485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3860
 tgaatagaaa cataactaaa aaagtagaag aactgttaa atttgaatct ggatcctata 60
 tagcttcttc tctgggatct actgaggagt gaaatctaaa tgaagattta gcttagaaaag 120
 catgaagata gtatgttcca attttaaata aaaattatat tgtctgaaag acaatacaat 180
 tttagtactg ggggaaaaaa aactagattg ttatttgaag aagaaaacat catggttctc 240
 tccaggttta aaatgggtgc tcccatgtag gctgattttc ccggcatttg atcttaactt 300
 gaaggccatc tgcccagccc agcaatcaaa gggctgctaa gctgtccttg gcagcctcta 360
 ctgggcaaag ctgtgcatat aactctgaag aaagggagat cttttaatgt tgcggacgcg 420
 tgggtcgg 428

<210> 3861

<211> 986
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (790)...(488)
<223> similar to gi2613008 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3861

tttttttttt	ttcttcagca	ttgtgtttta	ctttttggga	gagaggctag	gaggaggaag	60
gggtgaaaac	agcatctcac	tggagtctca	aaagtgtatg	aatcttctgg	tagtgcaagg	120
atgggataag	atggccaggg	aagtcagatg	gaaaatcccc	aagattcttt	ttgctactga	180
tttctataat	taaaatatga	catatgtaag	ggactagtgc	atgataattca	ataaatgtca	240
gttgtctttc	ctaactaggt	tcctcacagg	ctaggttatg	cctagatatc	atcatcctcc	300
tttcagggaa	tgaagctcac	ctagaaaact	agggaactaa	aagtgcataa	tggtttgggt	360
aatgcagttg	gttagctgtc	tccccatcct	cccaactcac	tattccaggg	aggggctgaa	420
aacagaagtg	gctccccctga	agtctagtta	gcatgtcatg	acagagtcca	catgaagggc	480
tgtgggctgc	aacttttctag	tgcacagtcc	tctctttttg	gcatgataa	ttgtagggaa	540
agaagcgcac	acgcatgctg	atttcacgag	ctgtcttcag	gatctcaaca	gccttgctgt	600
gctcaatatc	ttggaaatcc	acatcattca	cagctagaac	ttgggtcccc	tcctgcagtc	660
ctgctctatg	tgcacagag	tcaggaatca	ccttgagat	gaagatgcct	agctgggagg	720
cctttcctcc	tcggatgtta	aatcccaact	gagctccagg	aggtctcttc	agtgtgatgg	780
ttcggggcag	aaactgggtc	aactcattgt	tgtagtccgg	gtgggtgtacc	ctctcatgag	840
gaggaatcca	tgctggagga	ttctcatagg	caggcaagaa	aaccaccggg	tagtcatcat	900
aagggaatccg	gctgtccatc	tcgggcaagg	cccagtgggc	agtccacagc	gacctcagac	960
tccgctcaca	cgaaatcgtc	gacccg				986

<210> 3862
<211> 1364
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (140)...(1183)
<223> similar to gi3298472 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3862

gaatggacat	gtaaaattta	gttacattcc	agggaatttt	caggtgaaaa	ttagtagata	60
gttaatatga	aaattttata	tgaattcata	ttttttcttg	gacaatatgc	taatatttat	120
tgatttcaca	aattttacagc	atatgggtga	ttttggaagc	attcatagac	ccggaattgt	180
tgttgactat	caaaacaaat	ccaccaatgt	gacagttgct	gctgcaagag	gaataaagag	240
aaaaatgatg	cagccattta	ataagcccag	tggaaaccttt	atcaagaaac	ccaaactagc	300
aaaacctatg	gagaagataa	gcctcagcaa	atcaccacca	aaaactgatc	ctaaaaatga	360

agaggaagaa	aagcggcgaa	ttgaggctcg	gcgagagaaa	caaaggcgca	gaagagaaaa	420
aaacagtgag	aaatacggag	atggatacag	aatggcattt	acatgttcat	tttgtaaatt	480
tcgaacattt	gaagaaaaag	atattgaact	gcatctggaa	agttcttcac	atcaggaaac	540
attagatcat	atacagaaac	aaactaaatt	tgataaagta	gttatggagt	ttttgcatga	600
gtgtatggtg	aataaattca	agaaaaacatc	tattcgtaag	caacagacaa	ataatcaaac	660
agaagtagtt	aaaataattg	aaaaagatgt	tatggaaggt	gttactgtag	atgatcacat	720
gatgaaggta	gagacagttc	attgcagcgc	ttgcagtgtg	tatatccctg	ctttacatag	780
ttcagttcag	cagcacttaa	aatctcctga	tcatatcaaa	gggaagcagg	cttataagga	840
acaaataaaa	agagagagt	tcttgactgc	tacaagcatt	ttaaataatc	caatagtga	900
ggcgcgatat	gaacgttttg	ttaagggtga	gaatcctttt	gaaattcaag	accattctca	960
ggatcagcaa	atagaaggag	atgaggagga	tgaagagaag	attgatgaac	ctattgaaga	1020
agaggaggat	gaagtggagg	aagaagaagc	agagggaagt	ggggaagtag	aggaagtgga	1080
agaagtagag	gaagtggagg	aaggaggaat	agagggcgag	ggaaatatac	agggagtagg	1140
ggaaggaggg	aagtaggggt	agtggggagaa	gtcggaggag	tgtgggttgt	gctggatgtt	1200
ttgtaatccc	ttaaaccattt	tatgatgtac	tcttttagtgc	tatatgcatt	ttcttacttt	1260
tgttattact	gtgtcccttg	tgtatgactg	ctcttatatg	tttatggaga	ttgaacacgt	1320
tcactttcca	gcttatatgt	actttatact	gacttggtct	tttt		1364

<210> 3863
 <211> 2388
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(983)
 <223> similar to gi3047191 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3863	
cggacgcgtg	ggctggggagc tgtggtgcat gtacatcagc cccccaaaag actggtggga 60
cgccggagac	ccttctctcc ccatcaggac ccagccatg ataggctgct cgttcgtggt 120
caacaggaag	ttcttcggtg aaattggtct tctggatcct ggcatggatg tatacggagg 180
agaaaatatt	gaactgggaa tcaaggatat gctctgtggg ggcagcatgg aggtccttcc 240
ttgctcacgg	gtggcccaca ttgagcggaa gaagaagcca tataatagca acattggctt 300
ctacaccaag	aggaatgctc ttcgcgttgc tgaggctctg atggacgatt acaagtctca 360
tgtgtacata	gcgtggaacc tgccgctgga gaatccggga attgacatcg gtgatgtctc 420
cgaaagaaga	gcattaagga aaagtttaaa gtgtaagaat ttccagtggg acctggacca 480
tgtttaccca	gaaatgagaa gatacaataa taccgttgct tacggggagc ttcgcaacaa 540
caaggcaaaa	gacgtctgct tggaccaggg gccgctggag aaccacacag caatattgta 600
tccgtgccat	ggctggggac cacagcttgc ccgctacacc aagggaaggct tccctgcactt 660
gggtgccctg	gggaccacca cactcctccc tgacaccgcg tgcttggtgg acaactccaa 720
gagtcggctg	ccccagctcc tggactgcga caaggctcaag agcagcctgt acaagcgtg 780
gaacttcata	cagaatggag ccatcatgaa caagggcacg ggacgctgcc tggaggtgga 840
gaaccggggc	ctggttgcca tcgacctcat cctccgcagc tgacagggtc agaggtggac 900
cattaagaac	tccatcaagt agagggaggg agctggggca ctggagcctg gccccagga 960
catggctgct	cccccaaca tctggaccag ctgccctggc ggagagacag caaggggccg 1020
gcaggtgctc	gatgggcccc ccagggtctc tccagggcag cacagggacc ccggatgaag 1080
actctgtccc	ccctcaggca ttcagctgcc cacaagtttc ctgcaccctg gaaaagcccc 1140
ccacccttcc	tctgggaaac tgacagctgt cttccacagc ctctgatgtg gacctggtac 1200

tgaggagcaa	gactgtccag	ttctcctcca	catctcccat	cccagaatca	ggatctggga	1260
ctggcaggg	cccctcctgt	gtctcatctc	ttgcagcagc	agctgctgaa	ctccagccat	1320
caacacggtg	ggaggcagcg	ggggcttcag	ccatgtccta	gctccccgcc	ctaaaaggag	1380
gcagtgagga	ccaggcacta	tttcctccga	ggttacttct	accagatga	cacctgcctg	1440
ttcacgcccc	aaggcagcta	ctgccccctaa	cccttcccac	cagggtagct	ttgggcactg	1500
cagctctgga	cttttctggc	ccctcctgag	atgacctgat	ggagctgatg	ctttctctcc	1560
taatccctgg	gcactaggct	cttatcaggg	tgcttggggc	agctctcctg	cctgtgtcta	1620
gaggaagcca	gagacagaaa	taggctaagc	ctgcagtagg	atctcagcca	caagggcccc	1680
gcaggatgga	gctgggtcaa	ggaccaggga	gccctgactc	ccagaggctg	ccaccgggga	1740
gaagcagcgg	tcctccatcc	agaacctaa	ggctgaagca	aaggctgcca	ggacccttga	1800
agatgctttt	ggctcacctc	atttcacccc	acgctctgct	ggctggcaga	ggagaaggca	1860
gtcgtttcct	ctctgaagag	tatttttttc	gattgccctc	tggttaggg	gcacatataa	1920
atcagagtta	atatatgaac	gcgtgtgcat	gcacaagtgt	gtgtgtgcct	gcgtgtgtgt	1980
cgtggcaggg	tgtgtgtgtg	tgtgtctggc	tgtgcgttcc	ggagtgtgtg	acgatgctga	2040
ctctagcatg	tggggccttg	ggcttgcctg	ttcattactc	accctggatg	gggacgagg	2100
atgagaagg	tgtgggtttg	gcccccatgt	cactggccgg	aaggatgtgt	ctcagccctg	2160
ccctgtgggg	tgccccgat	gggaggtgt	cccatctccc	agtccccatc	tctttttccc	2220
cacactgtcc	ctggccaagc	cctgcccaga	gctgaaccct	gtagctgccc	ccttgccctg	2280
tgtgggattc	gcagtgtctc	atttggtgac	gtcttactgg	tgatcatctc	ctcaccat	2340
ctccaacctt	gtggaataaa	tacatgttag	cacttcccaa	aaaaaaaa		2388

<210> 3864

<211> 1773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1755)...(1167)

<223> similar to gi2851769 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3864

taccaatttt	atttcattaa	tttatttgct	attttaatat	tttaagaaac	tacattttta	60
tcacatagac	aagcagataa	gtaaggcttc	ttctaccagg	tgggcttatg	aaatgcaaaa	120
taagcaaaa	gagcattttt	ttgctcccca	cagaggcaaa	gacatctttt	aacctaaactc	180
tcctaatagca	tgatgggtaa	caaaccctaaa	atgaatgcag	gttcacatgt	actataattg	240
ttgggagtcg	aatgcatgta	ttcttcagg	tcacttctg	aaatttagat	aacttattta	300
ttacacgctt	tatttgagtt	aaagataaga	aaacaatata	cttttaaatgt	aaattgctat	360
ggcaatgtag	tttacagtaa	ttccttttat	atatacttcg	tattattcct	ttagacattt	420
tataaggaat	aaagctaatt	gtatatataag	tttaacaata	atcagaaaat	attctccaaa	480
agaatttcct	gaagtgggct	tgctagggtat	aaagctcata	attgtcaaga	tacttacatt	540
aggacatga	acccaagtcg	ttaaataaaa	ataagatatt	tgtaaaaaag	tgctatagaa	600
gaaggtgcac	aaaaaacatg	cacttacaca	tactttccaa	aaggatgtaa	actgtacttt	660
taggcactgt	catctcttca	aatttccttt	accaatgata	tatagcacia	tttttgatgt	720
ctagatggtg	ctgtaggaag	atgactaagg	caaccacgtg	cagaaaagca	tgtgtgtgat	780
gcacagaaaa	tataaagatt	gcattccaaa	agtgaaggtc	tgcaatgata	gtttgttatc	840
tgaagggttt	ggagtgtctt	gtcattaaaa	aatgaaatat	atgccactgg	agtcatatca	900
caaatggtgc	ctgatgtgga	cactctacct	ttaaaatgac	tttttaaaca	ggcagacatt	960
tctatgctgt	tttatagggtg	gctatgtgac	ttcagttact	tataataaat	agccagtcaa	1020


```
tcttgagagc cagctacttc tcttaaacc aagtacaaga tataaatatt caaaatatgg 1080
aatgtttaac atagagactc gaatgaaaa atgacaatct tcaaaattcc ccatgttttg 1140
tcatattgca tagctgaaaa ttcactact acttagtaaa aagtgtctctg ttcattcaag 1200
ctgaattttg ctccagtctc cttcagtttc catctttcat actgaatagt ggatccacaa 1260
gtttattgtg cacatgcatt agacctttaa agtatttcac agtttttaact cttaattcta 1320
aagtagcatc ttcacgcgcat acaaaaatag tccggggatg ctgctggaaa gcggaaacag 1380
tccacatgtg attgactcct tcttctattg cttgttacag ggcaaagtcc ttgtgtgccc 1440
ctgttataag gatcattact tctctagcat ccatcactgt cccacacca acagtttagag 1500
ccatagttgg cacttttgat aaatctccat caaaatattt ggcatthtgc aagatgggtat 1560
ccattgctag agtctttaat cttgtccttg aactaaaact ggatccaggc tcattgaaag 1620
cgatatgacc atctggacca attcctccaa caaaaagatc tattcctcca gcttctttta 1680
ttttgttttc aaaagcatca cattctgctt gtaaatctgc agcattcccg tcaaggatat 1740
gtgcattatc ccacgcgtcc gccacgcgt ccg 1773
```

```
<210> 3865
<211> 333
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(246)
<223> similar to gi312969 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 3865
atcacatatt gacgatcgct ttccgtatct atgacaagga tacagacggc tatattgggt 60
atggtgaact catccgggta ttgaagatga tgggtgggta caatctgaaa gatacacggg 120
gactgcaaat tgtatactaa accataataa atgctgatta ggatggagat ggaagaatat 180
cctttgaaga attctgcgct gtcggatgtg gcctagatat ccacaacatg atggtggtag 240
atgctgact cttatcagac agtaccaccc atcacttttg ctttcttcta catctctgaa 300
gatctgcgtc ggacgtccag caatgctctt tcg 333
```

```
<210> 3866
<211> 2145
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (59)...(61)
<223> similar to gi2654365 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 3866
gagtaaagca aagagaaaagg aagcaggccc gttggaagtg gttgtgacaa cccagcaat 60
gtggagaagc ctggggcttg ccctggctct ctgtctcctc ccatcgggag gaacagagag 120
ccaggaccaa agtccttat gtaagcaacc cccagcctgg agcataagag atcaagatcc 180
aatgctaaac tccaatggtt cagtgactgt ggttgctctt cttcaagcca gctgataacct 240
gtgcatactg caggcatcta aattagaaga cctgcgagta aaactgaaga aagaaggata 300
ttctaataatt tcttatattg ttgttaatca tcaaggaatc tcttctcgat taaaatacac 360
acatcttaag aataagggtt cagagcatat tcctgtttat caacaagaag aaaaccaaac 420
agatgtctgg actcttttaa atggaagcaa agatgacttc ctcatatatg atagatgtgg 480
ccgtcttgta tatcatcttg gtttgctttt ttccttccta actttcccat atgtagaaga 540
agccattaag attgcttact gtgaaaagaa atgtggaaac tgctctctca cgactctcaa 600
agatgaagac ttttgtaaac gtgtatcttt ggctactgtg gataaaacag ttgaaactcc 660
atcgcccat taccatcatg agcatcatca caatcatgga catcagcacc ttggcagcag 720
tgagctttca gagaatcagc aaccaggagc accaaatgct cctactcatc ctgctcctcc 780
aggccttcat caccaccata agcacaaggg tcagcatagg cagggtcacc cagagaaccg 840
agatatgcca gcaagtgaag atttacaaga tttacaaaag aagctctgtc gaaagagatg 900
tataaatcaa ttactctgta aattgccac agattcagag ttggctccta ggagctgatg 960
ctgccattgt cgacatctga tatttgaaaa aacagggtct gcaatcacct gacagtgtaa 1020
agaaaacctc ccatctttat gtagctgaca gggacttcgg gcagaggaga acataactga 1080
atcttgtcag tgacgtttgc ctccagctgc ctgacaaata agtcagcagc ttataccac 1140
agaagccagt gccagttgac gctgaaagaa tcaggcaaaa aagtgagaat gaccttcaaa 1200
ctaaatatatt aaaataggac atactcccca atttagtcta gacacaattt catttccagc 1260
atttttataa actaccaaact tagtgaacca aaaatagaaa ttagatttgt gcaaactgag 1320
agaaatctac tgaattggct tccagatttt aaattttatg tcatagaaat attgactcaa 1380
accatatatt ttatgatgga gcaactgaaa ggggattgca gcttttggtt aatatgtctt 1440
tttttttctt tttccagggt tctatttgct ttaatgagaa tagaaacgta aactatgacc 1500
taggggtttt tgttgataa ttagcagttt agaatggagg aagaacaaca aagacatgct 1560
ttccattttt ttctttactt atctctcaaa acaatattac ttgtctttt caatcttcta 1620
cttttaacta ataaaaaag tggtatttgt attttaagat ccagaaatac ttaacacgtg 1680
aatattttgc taaaaaagca tatataacta ttttaaatat ccatttatct tttgtatatc 1740
taagactcat cctgattttt actatcacac atgaataaag cctttgtatc tttctttctc 1800
taatgttgta tcatactctt ctaaaacttg agtggtctgc ttaaaagata taaggggaaa 1860
gataatattg tctgtctcta tattgcttag taagtatttc catagtcaat gatggtttaa 1920
taggtaaacc aaacctata aacctgacct cctttatggt taatactatt aagcaagaat 1980
gcagtacaga attggataga gtacggattt gtccaaataa attcaataaa aaccttaaaag 2040
ctgacttcgt ttgttatgta ggctgtatgc atatatgaa aacagaagtg aaactttcga 2100
ttgcttttaa ataaatactt tactaatgaa tttactgcta agctc 2145

```

<210> 3867

<211> 369

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(370)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (359)...(119)

<223> similar to gil76990 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3867
tttttttggc ggcactcag actttattct aagaccagga agggccggtg caaggagggg 60
aggagggccc gatgggaggc ccaacgggct agaggaacgg gtaccgacgc tccagcttaa 120
cgttattcgg aggtcatcac ggagctcaca gataccagga actggtccag gaaggcgtgc 180
accgcagggg tgaacttgct atgctggatg tcggcctagg tatccaccca tgctggtcta 240
atgagctggt tattgaccgt agccatccta aatgcgtacg caagcaagat gcttatgact 300
gcagctcctg tgcatgacct ctgagacgcc aacactgatt acgtcaaagg tcccgccttg 360
gggtcccan 369

<210> 3868
<211> 2734
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (223)...(1079)
<223> similar to gi2315451 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3868
cagttaataa tcaactgtac ctaattgggc attcacttgt ggacctcttt tctgccaaact 60
aaagaaaaat tgagctgctt tactcctctg ccttcccacc cagaaaccgt gtcagcatgg 120
ttgcctggct acctgctcat gaaggacttg attaatagca aattggcaat ttaacgagcc 180
acttccatga tctccaaaga aaccaaaata caaacacaaat atttaattctt gccaaaccgaa 240
gacgatgtga ctgcatgaag tgcccttcgt ttttaaagaa agattattgg attaaaagat 300
gagttttaca accgctacat aatgaaaagt tttttgtttg aaccagtagt gaaagcattt 360
ctcaacaatg gatcccgcga caatctgatg aactctgccg taatagagat gtttgaattt 420
attagagtgg aagatataaa atcattaact gctcatgtaa ttgaaaatta ctggaaagca 480
ctggaagatg tagattatgt acagacattt aaaggattaa aactgagatt tgaacaacaa 540
agagaaaggc aagataatcc caaacttgac agtatgcgtt ccattttgag gaatcacaga 600
tatcgaagag atgccagaac actagaagat gaagaagaga tgtggtttta cacagatgaa 660
gatgacatgg aagatggaga agctgtagtg tctccatctg acaaaactaa aaatgatgat 720
gatattatgg atccaataag taaattcatg gaaaggaaga aattaaaaga aagtgaggaa 780
aaggaagtgc ttctgaaaac aaacctttct ggacggcaga gcccaagttt caagctttcc 840
ctgtccagtg gaacgaagac taacctcacc agccagtcac ctacaacaaa tctgcctggt 900
tctccgggat cacctggatc cccaggatct ccaggctctc ctggatccgt acctaaaaat 960
acatctcaga cggcagctat tactacaaag ggaggcctcg tgggtctggt agattatcct 1020
gatgatgatg aagatgatga tgaggatgaa gataaggaag atacgttacc attgtcaaag 1080
aaagcaaaat ttgattcata ataatggcaa cggcctagga tcagtacctg ttgaaaaaaa 1140
ctggttctcc acccctcccc catacaaaat ccacaacaaa gcgcagtggg ctcttgatga 1200
tgactgacac agatcagcct cttacacttg acttctgctc atcaagtgcc aattcaatgg 1260
agcaggagga ggggatatca tatatttagg ggaaagactt aagcctttga gctctccagc 1320
ttggaccaca cattgccctt ttctcagggg aggaaatgga aacaaaaagc caacagggca 1380
ggggttttgt aagtggaact ctggattgac tgggtcagttg ctacaatcag aatatgcttt 1440

```

cttggaccat gtttgagact cagaagaatg ggcctttctg ccataattct tcactagtca 1500
agaatgccag cagtttcttt gtataaagag acctgccttt aaaatcatac attctgaaca 1560
ttttagtcaa gctacaacag gtttggaana cctctgtggg ggagggggcga gtataaagtt 1620
ttcctctttt ttaactgttc cctttgccct tcaaactgca gatatttttt tttttaaggg 1680
gggacttctc cctacttgat taaagattga gtggaattct agatgtggtc atttgtgtca 1740
taattttttt gttttatatt gtttttgatt ttttttttcc tcccctgagt gtatgcttag 1800
ttgttgagta tatatatatt ggaccattaa aacttttttt gatgtaatat aacctaacgt 1860
tgtgctggta cctgtttttac catgtgtaat ttttgttcta catcacagtt cttaatttgt 1920
ttagagtttt atgaaagatg gtatagtttt tattgacaaa agcaaagtaa tcttacaact 1980
atgtgcatac aaaagcaata cctattttgt gactaaatat tttatattaa aatttacatc 2040
agcaactgtc ttgagaattc agggaaatag aatggaattt aaaacttcaa cagttttgtt 2100
aaatctagaa acatgaaatt agtattccaa agagattctg aaatttcttt tcttggggaa 2160
atgacgggta cattaaatca aaattgagga tggatgattt aaaaacattt tgacttttta 2220
ataataaaaa gaaaagtga gagtaagaga aattgtatta gttgtatgtt tcttgttttt 2280
gtttttaact actccctttg gaataccagt ttgacttgta agtggtgggt tctaaataaa 2340
tacctggcca gaggaccatc acctgtcacc ttattaaaaac agtattttta aatagggtct 2400
ttttgttgtc ttagatgtga tcaaattatt tcaaggaaaa tgaaaataat tctacttacc 2460
ctcacttttt aaagtgaaga gtttagacct taagaatata ttttcaaagt tgaataaaaac 2520
ttcatatcca ggaaaggatg ctattttaag tatcatatac tttaagagta tctagcaagc 2580
gctgtgtgct tctctgtctt gtcttgttta ttctcagta aattacaatg gtggtaccaa 2640
aaacaagact atactgcata gttggataga aaaccagaaa gtgtcaactt gctccagtca 2700
ttaaaagttt tattattggc tgataaaaaa aaaa 2734

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<210> 3869

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (297)...(170)

<223> similar to gi4160384 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3869

```

tatgggttaa atatattata ttttaatttat atctaattta tctataaatt atatataata 60
tatactttta caaataaagt acatatttgt ttataatgta taaatatatt ataaatatat 120
aatataattt attatatatt ataattaata taattatata ttacgatata aatacataat 180
tataatatag tatatatgta taatatataa tatgtaatat ataattatat attataaata 240
tacaatataa ttatatatac gtattaaata catataaata taattatata taatagac 298

```

<210> 3870

<211> 325

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(211)
 <223> similar to gi344422 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3870
 tcgattaaac cacctttgtc acactgactg agcggcactg tgacctgctc gtcgtgcatc 60
 ctgagaactt cattgcttct agacctacgt tgctggctct gttttacttg gcccatcact 120
 ttggtaaaga attcacctga ccatggcacg ctggctatat aaaagtgggtg actggagtag 180
 atatagccct gatccacatt tatcacttaa ctcgctttct tgctgaccaa actatatcat 240
 agtacctttg ttccctaagt ccaactacct agctggggga tattatgaag ggccttgagc 300
 atctggattc tggtcgacgc ggccg 325

<210> 3871
 <211> 1028
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (13)...(879)
 <223> similar to gil3006 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3871
 gtggcggaat tcggagaccc cattctatac caacacctat tctgattttt cggtcacccct 60
 gaagtttata ttcttatcct accaggcttc ggaataatct cccatattgt aacttactac 120
 tccggaaaaa aagaaccatt tggatacata ggtatgggtct gagctatgat atcaattggc 180
 ttccatagggg ttatcggtgtg agcacaccat atatttacag taggaataga cgtagacaca 240
 cgagcatatt tcacctccgc taccataatc atcgctatcc ccaccggcgt caaagtattt 300
 agctgactcg ccacactcca cggaagcaat atgaaatgat ctgctgcagt gctctgagcc 360
 ctaggattca tctttctttt caccgtaggt ggcctgactg gcattgtatt agcaaactca 420
 tcactagaca tcgtactaca cgacacgtac tacgttgtag ctacttcca ctatgtccta 480
 tcaataggag ctgtatttgc catcatagga ggcttcattc actgatttcc cctatttctca 540
 ggctacaccc tagaccaaac ctacgccaaa atccatttca ctatcatatt catcggcgta 600
 aatctaactt tcttcccaca acactttctc ggccatcccg gaatgccccg acgttactcg 660
 gactaccccg atgcatacac cacatgaaac atccatcatc ctgtaggctc attcatttct 720
 ctaacagcag taatattaat aattttcatg atttgagaag ccttcgcttc gaagcgaaaa 780
 gtcctaatag tagaagaacc ctccataaac ctggagtgtg tatatggatg cccccaccc 840
 taccacacat tcgaagaacc cgtatacata aaatctagac aaaaaaggaa ggaatcgaac 900
 cccccaaagc tggtttcaag ccaaccccat ggccctcatg actttttcaa aaaaaaaaaa 960
 aagagggagg cccgctctag agattccttc gagggcctcc aacttacgcg tgggtggcaaa 1020
 tattagtt 1028

<210> 3872
 <211> 304
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (305)...(67)
 <223> similar to gi950115 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3872
 attaatcctg ccacaatatt ttttaattacg tacaaagatc tgacatgtca cccagggacc 60
 catttcaccc aatgctctgt ttggccgcca gtcttttgac tctctcttca acaatgggtga 120
 ggcggatacc ctttctccg ggaagagaaa tccatgggtt ggtgcccttg ccaataacca 180
 aaatgttgga aagtcgagtg gcaaagctgt tgccattggc atctttcacg tgaaccacgt 240
 cataagatcc aggggtgctc tatctgctgg tgatcacacc aagtcttcct aggttagcac 300
 ctcc 304

<210> 3873
 <211> 335
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (6)...(272)
 <223> similar to gi5649170 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3873
 ggcacgagcc caccagacc tagttcctca agatgggtga ctccggaggc cagccccagc 60
 tgactcagcc aggctagctg accgaggcct tctagcactt tctgcgaggc atggggtaca 120
 tggctctatc ctgcatgact cgctgtccc ggtctcgaac agcctctatg accagcgcct 180
 gatacattga cggcgaccga gcccgatata taacctgta ccagagcacc gagtctggaa 240
 ctctttcttc tgggccacca gcgtcacgc atggcggtct gctgatgaaa ggcccttggt 300
 gccctaaaga gtgaccacgc cctcacctcc ccag 335

<210> 3874
 <211> 1221
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1208)...(1217)

<223> similar to gil045251 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3874

tttttttttt	ttggtatttc	tggatggttt	aatcatgaat	ggcggtaggc	agtgtaagaa	60
aaaagttcct	agagcatgat	aaaccttggt	ttctggcaca	ggataaacct	ttcatttcat	120
ggtgtacatt	tcacaatatt	aaaaaaaacc	cagcctgggt	ttcatgatta	aagccgtggg	180
gaaaggacaa	tgtttccagg	gagcaacgac	tcgcaagcac	accccttggg	gctgtgcggt	240
ggccgtcggc	ggggccagct	tcaaaagtcca	accacaagg	cacaggtttt	caaactctta	300
cctctgtgta	caagaacgta	catgaacttt	aaaaacgtgt	gtttcctcgt	ctgtgtttaa	360
caccctaacg	atgatcagtt	tgggggagac	gtacccctcc	ctaatacacag	gtaggaccac	420
ttcccaaata	aatgaaacga	ccgtcctctt	ttgtgtcttg	acttcagggt	tccggccgaa	480
cgacggagtc	ttttcctttc	ttgtcgatgc	agtttctcag	cctcctgttg	cttcttctgc	540
tgttcagacc	tctttaacgt	gaatgtcaat	tgtttgctgc	caacggtggt	gtcggataca	600
ctcaatgtcc	cattttttgc	ttcaattttc	aaacgatctt	caagggtttt	gttcatcagt	660
ttctgctttg	tggcagaatc	tttgaagctt	ctaaattctt	ctcctgcttt	gatctcataa	720
aactggggct	ttaggactgt	ctgctgggcc	tccttgagtc	gttcctgccg	cttcactttt	780
tcctcctgct	ggaggagtct	gcgttgcttc	ctgacctctt	caaccagggc	tttttcatca	840
tctgaactct	ccgaactttc	tgcatacact	ggttttcctt	ccggctcttc	ctcctcttct	900
ttttcacgaa	gttcttggtg	ctctaagagt	cttagtttct	tcttcctttt	ttcactaatt	960
tttgaaacaa	gtggattcag	aagcctaaat	tcttcaactct	cttcatctac	ttggaagtca	1020
gggttctcaa	acataacttt	aaatcgatca	tcggtgagaa	tatttaggaag	actcttaact	1080
ttctttttcc	atgtagattt	ctgcttctcc	tcttcttctc	caattaattt	aagtgccagc	1140
tctttgttaa	cttttggcaa	tttctttaac	tggactctct	gtgcacgtgt	ttcttctatg	1200
ttgcgtggta	gcgtatctat	g	.	.	.	1221

<210> 3875

<211> 360

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(22)

<223> similar to gi763431 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3875

ggcacgagta	aacctcttgt	ggaagagcct	cagaatttaa	tcaaacaaaa	ttgtgagctt	60
tttgagcagg	ttggagagta	caaattccag	aatgcgctat	tagttcggtt	caccatgata	120
gtaccccaag	tgtcaactcc	gactcttgta	taggtctttt	gattcattta	gatttgagt	180
tatgtaatgt	cttattttat	agtttttaag	aatatttggt	attgttcttt	atattttgtt	240

```

ttatgtttct gataattctt ttttttataa taatttatta ttcattatTTt tcttgttctt 300
ttatgatgct tatgttgatt ttttttctca attcttttat tttttattat ttttgtgtta 360

```

```

<210> 3876
<211> 335
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(276)
<223> similar to gil90074 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3876
ggcacgaggg cctttgtcgg tcgctacaag cctgatgagc agccctaact gatgccacgc 60
catgacgtcc ctactttgac catcaacata ctcttgagcc gagtcgggtt ggattacgac 120
ggcttacgct gtcgatatct gcgctacaac tgttccatac gagccccacg gaaaggctga 180
accctcatgc gccctggaca actaacgcat taccatgagg ggctactcat gaccaggggc 240
acccgctaca tcgcacactc cttcgtcgaa ccctaattgg gcaggcctga ccctcttgga 300
cctttcatct ttgccgagca ccattgccca gcagg 335

```

```

<210> 3877
<211> 767
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (302)...(601)
<223> similar to gi3114596 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3877
gcacgagccc agctgaaggc aataagctgg gctcacgct gcagcagagt tctgtgctag 60
ccgggcatag gggcgagaga aggccagag gcgacgtcag agagaagcaa ctgcgccccg 120
gtgaagagaa gctcgcccat caccggctgg gagccagctt tcagtgaaga tggcagggcc 180
agaactgttg cttgactcca acatctgcct ctgggtggtc ctacccatcg ttatcactct 240
tcgtagacat gatccgccac tacgtgtcca tctgtctgga gagcgacaag aagctcacc 300
aggaacaagt atctgacagg ggacgaggca cccacagtcc ctctcccata agcctgccaa 360
gaagattgat gtggcccggt taacctttga cctgtacaag ctgaacccac aggacttcat 420
tggtgcctg aacatgaagg cgacttttta tgatacgtac tccctttcct atgatctgca 480
ctgctgtggg gccaaacgca tcatgaagtg agcaaattgg ggtttcctgg ggacaaggga 540

```



```

agctctccac tgggcccttt tcagcatgca agccacgggc cacgtgctgc ttcacctcct 600
gttacctgca gcagctcctc gatgccacag aggaagggca tccccccaag ggcaaggcct 660
catccctcat cccgacctgt ctgaagatac tgcagtgaaa gcccaagccc tagctttccc 720
cagtgaagga ctagactagg ggccccacgc tcaactggta gtggccc 767

```

<210> 3878

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(265)

<223> similar to gi5678958 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3878

```

ggcacgagcg gcacgagcct ttttaagcgca gtgcacactc ataattttaag gccttggtgt 60
gcatggcact gaatgagcag cgtctgccgt cctgactgaa cctcttgtgc ctgtccactg 120
cactcttcca gcctctctac caactgtgga gctacttggc acacacatgc tttgagagtg 180
ccctcaacct gctcatgcmc ctgatcatcc tcaagtttag cctccctgta gatctggctg 240
tgcgccagct caaaaacatc atagatgcct tttgatgaca gtgccctaac ccagacaag 300
ctccttggtc agtatggata gatgtgctat tctt 334

```

<210> 3879

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (150)...(331)

<223> similar to gil890046 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3879

```

ggcacgagga ttgtgtgggg aaccatgact gtgagtggcc taggtatgct catgtgagaa 60
aaggtagatg gggttgtatg catcattgcg tgggtggctg tgaggttgta gttgtgtgtg 120
gctttggttg tgcgaagctg tgtgactgca gctgctgctg ggccaaggat ctggcagata 180
tgcataggga aggctctctt cgccagtacc tcctctgccg cctactgctg gggagctgag 240
ctgaggcatg gctggatgta gaggctgac ataattgaaa agattagccc aagggtgctgt 300
gtgagttcag ggaggccagg gtctcttggt gatgctcccc 340

```

<210> 3880
 <211> 1420
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1393)...(1214)
 <223> similar to gil335892 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3880
 cgtagagcaa ctacacaatt agtgcttcat aaaacataga ttgagatact tagcctatca 60
 gttttgtcct ctaccttcac ttttcagggt ttaacagctc tagttgcttt catctttttt 120
 gtatatctgt ggtatatga aatgactaaa cagtaagttt tgattgagaa ttctagggtg 180
 agaaataagt aggctgaatg tagtaattcc agcccttata cattggcttt ctgctcctat 240
 caggagggtc ccatgatccc tcggcccccac tatgcccac ctggctgtgt ctacttcac 300
 tgtttgctcc gagatgactt gctgcttcgt cagggtgact gtgtgtatct gatgagggat 360
 agtcggcgca cccctgatgg ccacccgggc cgtcagtcct atcgactgtt atctcacatt 420
 aaccgagata aacttgacat ctttcgcatt gagaagcttt ggaagaatga aaaagaggaa 480
 cggtttgcct ttggtcacca ttatttcctg cccacgaaa cacaccactc tccatcccgt 540
 cggttctatc ataatgaact atttcgggtg cactctatg agatcattcc cttggagggt 600
 gtagtgggga cctgctgtgt gttggacctt tatacgtatt gtaaaggag acccaaagga 660
 gtaaaggagc aagatgtgta catctgtgat tatcggcttg acaagtcagc acacctgttt 720
 tacaagatcc accggaaccg ctatcctgtc tgcaccaaac cctatgcttt tgatcacttc 780
 cccaagaagc tactcccaa aaaagatttc tcgcctcatt acgtcccaga caactacaag 840
 aggaatggag gacgatcatc ctggaagtct gagcgctcaa agccaccctt aaaagacttg 900
 ggccaggagg atgatgctct acccttgatt gaagagggtc tagccagtca agagcaagca 960
 gccaatgaga taccagcct ggaggagcca gaacgggaag gggccactgc taacgtcagt 1020
 gaggtgaaa aaaaaacaga ggaagtagt caagaacccc agtcaacctg taccctgag 1080
 gaacgacggc ataaccaacg ggaacgactc aaccagatct tgctcaatct ccttgaaaaa 1140
 atccctggaa aaaatgccat tgatgtgacc tacttgctgg aggaaggatc aggcaggaaa 1200
 ctgcgaaggc gtactttgtt tatccagaa aacagcttcc gaaagtgacc ctcaaagaat 1260
 gagaacctca agcatctggg atccagtggg gctaatacgt cctgcctcct gctctctggg 1320
 tatagacagg ggtgggaagg gtccatctgg gcaaggggaa tggggccatg ttgttgacat 1380
 taggtactta ataagccttg gagctagtgg agagggagag 1420

<210> 3881
 <211> 1924
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1415)...(1255)
 <223> similar to gi4235350 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3881
ttttttccca agggctttta tttgggtacc ccccggtttt tccccctccc cccttttttaa 60
aaccgcggcc cggaatttta tttttggggc ccctaaaaaa aaattttttct ttcccacccc 120
cgggccttaa aatttgttcc ctttaaaggg cccccctttt tttttttttt gaaagctaat 180
gcaactgttta tttgggggat tggggggaag caccctgccg ctgctcactg gtagccagcc 240
agctgcagga tgggggtgta gcaagtacga tgggccatgc acttctggcg gtcgatgaag 300
acactgttgg tcatggcggg aacatccttc tccaggtcca tgtggtatgt ctcgaggttg 360
caaagggact gctccccctt tagaagcttc tcccacagcg ctgtgatgga cttgtacagc 420
tcctccacct cactcaccag cttgggggtg ttgggggggtg tgagctgggg ctggggaggg 480
cagaagtatg cacctactgg ggtggagggg acccaaaaact cccaatggga gctggcagga 540
ggctcctggga agacgccatg aaaggatcct accaggaaag cggctctagg gcagagcata 600
aattacgagg gtcctcccag ggagcgcggg cctgagtggg aatgagtga cgcggtgcaa 660
tctcgaccct gacaggacag gactggcctc agccgaccag gctcagttct ttccattcct 720
gatatttgac ggaaggaggc acccagttcc ttgaaggaa tggggggcag ggaaggaga 780
aaggtactta ggctcagaag gggccacca ggcattcgtt aacaaggga acaaaaggac 840
ggcccatcta tgcctgtagc ccaggcgtag gtcatacttt cctccagagg tggggacagc 900
tccctcaggg cagcaggga tggccctctc tggcctctct gtccccgtg cctccaggag 960
ctcaccttgt ctgaaggagc ttccctcccg gaagatgagg tagcacaggg tggggtgaga 1020
ccacgtgggc acaggtccct ggcacgggga gggccccgac ccatgacctg cccagtgtca 1080
tgtctatata tgttgtttta aggcgtgctt gcatgttgtg tgtggccgca gagtctccct 1140
cccctctcag cacctgtggg ggatgtgtgt gtggagattg gagtgtttat tggagagggt 1200
cgcagcgagg aggtggatgg gggcacctgg gactgcctca gaggcccagg cagtacctga 1260
actgggctgc atcgcggcac agctgcatgt tgggccggtg tgagagcagc tacagccggg 1320
tctgggctat gtgcagagg tccctccttg ccttgatggc ctccctcagt gccaccagt 1380
tgtgttcctg atctgtgatt tccgcagca tctgcagaca ggacagtgcc ccttgggcct 1440
gtgcccccat gcccgggcat atggaatgta gagaccagtc tggctcctacc cagctcctgg 1500
ggctgtgtcc agagggtggg cctgaccagt ggctctgggg aggcgtgggt gaggggaaca 1560
atgtgcacgg gggccccagc gggctctgga gagttaggca gcctgttggt tcttagctct 1620
ggtccaagaa ccccatcct tgggtgtcac caggacccaa atcctgctca aggactgggg 1680
actcagagg gttaaaggcc atgctgaggc cctagagtca gagccctgcc tgccaggcca 1740
ggactcttgg ggacctccca ggcagtcaat gctccccaga ccagctcctg cctccatcct 1800
ccccacagct cctccttctc agtcatgggg gttgcaacac actgcgatca taccagtggt 1860
cacctggttt tacatagggt tacggagagg tgacacttgc ttctgggggt cctcgggata 1920
agtg 1924

```

```

<210> 3882
<211> 565
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(566)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (344)...(187)

```

<223> similar to gi4493973 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3882

attacattaa	aataaatttc	actcatttct	ttttattttt	taatgtgtgc	ctgttagatc	60
atttaaaaat	tacnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnattaa	atatatacat	acatacatat	atacatatat	acatacatat	atacatatat	240
acatacatat	aaacaaaaac	taaaaacaag	ttaaataact	tgtcaagggtc	caggagttaa	300
acctgagaat	gtgtgtctgt	gctcttaacc	agtatactag	ttgttcccaa	tagtggctgc	360
atatcagaat	cacctgtgaa	gtttgttaaa	ctatcagtgt	ctcagcccca	cctctagagt	420
ctgactcagc	aggngacatt	tatcctatag	tacttttagct	gcctgtggag	tgaccttttt	480
aaaggtaacta	ctttgcaccc	agaggatttt	cagttgtgtt	gttgacagac	agattgacag	540
tcttggttct	tttgactttt	agtcg				565

<210> 3883

<211> 1209

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(918)

<223> similar to gi203106 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3883

ggcacgagca	ggtctctgcc	cttcatagac	gcataaaggc	tatcgtagag	gtggctgcaa	60
tgtgtggagt	caacatcatc	tgtttccagg	aagcatggac	tatgcccttt	gccttctgta	120
cgagagagaa	gcttccttgg	acagaatttg	ctgagtcagc	agaggatggg	cccaccacca	180
gattctgtca	gaagctggcg	aagaaccatg	acatggtggg	ggtgtctccc	atcctggaac	240
gagacagcga	gcatggggat	gttttgtgga	atacagccgt	ggtgatctcc	aattccggag	300
cagtcttggg	aaagaccagg	aaaaaccaca	tccccagagt	gggtgatttc	aacgagtcaa	360
cttactacat	ggagggaaac	ctgggccacc	ccgtgttcca	gacgcagttc	ggaaggatcg	420
cggatgaacat	ttgctacggg	cggcaccacc	ccctcaactg	gcttatgtac	agcatcaacg	480
gggctgagat	catcttcaac	ccctcggcca	cgataggagc	actcagcgag	tccttgtggc	540
ccatcgaggc	cagaaacgca	gccattgcca	atcactgctt	cacctgcgcc	atcaatcgag	600
tgggcaccga	gcacttcccg	aacgagttta	cctcgggaga	tggaagaaaa	gctcaccagg	660
actttggcta	cttttatggc	tcgagctatg	tggcagcccc	tgacagcagc	cggactcctg	720
ggctgtcccg	tagccgggat	ggactgctag	ttgctaagct	cgacctaaac	ctctgccagc	780
aggtgaatga	tgtctggaac	ttcaagatga	cgggcaggta	tgagatgtac	gcacgggagc	840
tcgccgaagc	tgtcaagtcc	aactacagcc	ccaccatcgt	gaaagagtag	ccggcttcag	900
tgcttgcctt	ggggtgagga	agacacctct	gccccagtg	attagcaagt	gtggcaggct	960
taacatgtcc	aggttctccc	caataacatt	gtccagggtg	ttttaaaatt	cccaggcagg	1020
gggagagtgg	catggggagt	gacttcttaa	tgggtaagg	gctgcttact	tctgggggat	1080
tggaaatggt	tggggactag	gtagaggtga	atgtactaaa	tgccactgaa	tttgtatact	1140
tcagaatggt	tgttatgtaa	attttacctc	aactaaaaaa	aaaaaatgcc	caggtaaaaa	1200

00408725.0.12100

aaaaaaaaa

1209

<210> 3884
<211> 1523
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(694)
<223> similar to gi3924670 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

09480725.013100

<400> 3884
cttccgggtgg tggttacaag taacatcaaa ggtcatcttt ttctggcttc ttgtccttta 60
tcttcttcaa gttgctgcaa tagtattatt ctgctccact tctagcccac acagcatacc 120
tctgacagag gtgattgggc cgatatggct gatgctgctc ctgggaactg tgcattgccca 180
gattgtttcc acaagaacac ccaaacctcc tctaagtaca gggggtaaaa gaagaaggaa 240
attaagaaaa gcagccatt tggaggtaca tagggaagga gatgggttcta gtaccacaga 300
taacacacaa gagggagcag ttcagaacca cgttacaagc acctctcaca gcgttggcac 360
tgtcttcaga gatctctggc atgctgcttt ctttttatca ggatcaaaga aagcaaagaa 420
ttcaattgat aaatcaactg aaactgacaa tggctatgta tcccttgatg ggaagaagac 480
tgtaaaaagc ggtgaagatg gaatacaaaa ccatgaacct cagtgtgaaa ctattcgacc 540
agaagagaca gcctggaaca caggaacact gaggaatggg cctagcaaag atacccaaag 600
gacaataaca aatgtctctg atgaagtctc cagtgaaggaa ggtcctgaaa caggatactc 660
attacgtcgt catgtggaca ggacttctga aggtgttctt cggaatagaa agtcacacca 720
ttataagaaa cattacccta atgaggacgc ccctaaatcg ggtactagtt gcagctctcg 780
ctgttcaagt tccagacagg attctgagag tgcaaggcca gaatctgaaa cagaagatgt 840
gttatgggaa gacttggttac attgtgcaga atgccattca tcttgtagca gtgagacaga 900
tgtggaaaat catcagatta atccatgtgt gaaaaaagaa tatagagatg acccttttca 960
tcagagtcac ttgccttggc tccatagtcc ccaccagga ttagaaaaaa taagtgtctat 1020
agtatgggaa ggtaatgatt gtaagaaagc agacatgtct gtacttgaaa tcagtggaaat 1080
gataatgaac agagtgaaca gccatatacc aggaatagga taccagattt ttggaaatgc 1140
agtctctctc atactgggtt taactccatt tgttttccga ctttctcaag ctacagactt 1200
ggaacaactc acagcacatt ctgcttcaga actttatgtg attgcatttg gttctaataga 1260
agatgtcata gttcttttcta tgggtataat aagttttgtg gttcgcgtgt ctcttgtgtg 1320
gattttcttt tttttgctct gtgtagcaga aagaacttat aaacagggtg gtataatgta 1380
gacttccgaa taagaatatt ttatcgtttt cataatatta aaagtattcc tgaagtactt 1440
tattatttca ttatatcatt tttacctaat tttttttttt ttttgctttt atagtacctt 1500
accaaataaa atcttaacaa ttc 1523

<210> 3885
<211> 410
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (183)...(338)
 <223> similar to gi5733600 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3885
 cggacgcgtg ggcggacgcg tgggtgggtca gcctgtctga catccaggtt gtgctattaa 60
 ccaagaagga agcagatact tggaggctta gatgacttct gcaggattta tattcagata 120
 gaaagggtaa actgtttttg tttgctggca ggagtaggtg catatatacc agcacttcaa 180
 gtttggtatt tccattcagg acattttatc tctgtgcaaa gaccggagta taagctgatg 240
 agtggatcaa gatattacgc tggaaattgt cacaactaag aaaacagctc aaccaagggg 300
 aaggcacgat ccgatctcgg acgatcatct ttagatatat cttatatgcc aaggaatgct 360
 tatggaccat gagcaaattg gaaagctctc cagatgcttg gataaaattg 410

<210> 3886
 <211> 1171
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (325)...(728)
 <223> similar to gi1902984 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3886
 gagctgggtga aatcctctga ctcatagatt ctcttttgtc cacagacagt catctcagga 60
 gcagaaagaa aagagctccc aaatgctata tctattcagg ggctctcaag aacaatggaa 120
 tatcatcctg atttagaaaa tttggatgaa gatggatata ctcaattaca cttcgactct 180
 caaagcaata ccaggatagc tgttgtttca gagaaaggat cgtgtgctgc atctcctcct 240
 tggcgccctca ttgctgtaat tttgggaatc ctatgcttggt taatactgggt gatagctgtg 300
 gtccctgggta ccatgggggt tctttccagc ccttgtcctc ctaattggat tatatatgag 360
 aagagctggt atctattcag catgtcacta aattcctggg atggaagtaa aagacaatgc 420
 tggcaactgg gctctaattc cctaaagata gacagctcaa atgaattggg atttatagaa 480
 aaacaagtgt cttcccaacc tgataattca ttttgatag gcctttctcg gccccagact 540
 gaggtaccat ggctctggga ggatggatca acattctctt ctaacttatt tcagatcaga 600
 accacagcta cccaagaaaa cccatctcca aattgtgtat ggattcacgt gtcagtcatt 660
 tatgaccaac tgtgtagtgt gccctcatat agtatttgtg agaagaagtt ttcaatgtaa 720
 ggggaagggt ggagaaggag agagaaatat gtgaggtagt aaggaggaca gaaaacagaa 780
 cagaaaagag taacagctga ggtcaagata aatgcagaaa atgttttagag agcttgcca 840
 actgtaattc taaccaagaa attgaaggga gaggctgtga tttctgtatt tgtcgacct 900
 caggtaggct agtattattt ttctagttag tagatcccta gacatggaat cagggcagcc 960
 aagcttgagt ttttattttt tatttattta tttttttgag ataggggtctc actttgttac 1020
 ccaggctgga gtgcagtggc acaatctcga ctactgcag ctatctctcg cctcagcccc 1080
 tcaagtagct gggactacag gtgcatgcca ccatgccagg ctaatttttg gtgttttttg 1140
 tagagactgg gttttgccag cttggtcaac a 1171

<210> 3887
 <211> 1167
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (758)...(377)
 <223> similar to gi530876 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3887
 tttttttttt ttgattgggt aaaatatata caagataatg ctatactttt aaaagagaaa 60
 aagcacttta cattgttttag gtcttttgat ctgcatatgt ccctgaggta agtattccag 120
 ccatgggaaa ctgaagcaca gagaggtagt caccaccaa agctcagggc tggcctccag 180
 agcttgaacc cttgcctgag ctggggtcac cagcctgggt gggccacgga gcgatcatca 240
 tttctccatc tgatcggaaa gtcacccacc actctgttct ggggcccagc ccgcctggct 300
 ccaggcaggc tcggaggccg tgctctcctg gacctggtgc atctggctgc agccagcact 360
 gggcaggaaa ataccgctgg agcagtgcc aatcccggcc aggcccaagc cgttggtctga 420
 cctgggtctg gagggccacc atgagccac aatcccggcc aggcccaagc cgttggtctga 480
 agtgggcagc tgtgtctaga agtaaggcaa tgaggtaggc ggcttcctgg ggctctgggt 540
 cttccgctag gtactcttct agcccgtaaa gctctcgggt tgagggtggg tactggaagc 600
 cctcatgggc agagcacagg agccggaaaa gctctcgggt tgagggtggg tactggaagc 660
 ggatcttctg gagtcgcatt gggctctagag tcgttccggg cccgcggggc atgctttgaa 720
 gaggccttcg tgtcaggaag aggactgggc cttggccctc cccgcggggc tctagggccg 780
 cagcaaatac cagcgtgtt tttccagatc ctggtgtacc gagcagcagc aaaggcgggc 840
 cggcggcagg catgttctcc tcccggacc agccgcacc gccctgggt agcaccgcc 900
 tcagcgtctc cgccattcgc cgcgtagctc tgaccaatcg gtgggctcgt tccagcctt 960
 agtcccgccc aagccgtggc cgcctcgtag agatgggggt tcaccatgtt gggcgaggct 1020
 ggtctcaaac tctgacctt cagatggatc cgctgtctt ggcctcccag agtgccagga 1080
 ttataggcat gagccactgt gtctggcctg tcttcacatc ttgacagaag aagatttacc 1140
 atagaggaga atcatggagg aatgtac 1167

<210> 3888
 <211> 352
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (348)...(347)
 <223> similar to gi296382 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3888
ggcacgagaa caaaactagg cggttgaatg agaggttcct aagagtgctg ggcattttta 60
ttttatgaaa tactatttaa agcctcctca tcccgtgttc tccttttcct ctctcccga 120
ggttgctggg cccctctcct tgccacttac ttccatctct tcgctccgcc tctcgctct 180
cccctcccga tccccccacc tctcttccgt cttcctctcc tcattcgctc ttttcccac 240
ctgcttgcgt actctcttcc ttctcgctgc ttctccctcc tcctctctct actctcctct 300
tcgtcttcca cctcgtctt cgctatatct cagctctcgg tccgcgatag tg 352

```

```

<210> 3889
<211> 1634
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1589)...(1068)
<223> similar to gi4103857 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3889
tttttttttt ttctttgctg ttcacaactt gtacttttatt tttctcaaaa atttttactt 60
atgctttttg tcattatcca cagtgttttt ttttttaaag cctgagccac tttgtggttt 120
tagcctcaat ataataatca tccccttact cttagactaa ttcttttcc cctgtcactt 180
tgctgtata ctctgtaaaa atgaggacct tagaaaatca acatttcctg tgaacttgag 240
agactataca agcagtgcc aaatcagtag gattaggcag gtaaaaccag ttggatagca 300
gatataattat gatctgttgg acaaaggat agttgtgtgc atgtctacaa ggtcatcgctg 360
attcgccatt agcttaagga tcatgtagg tgaccagggt gaggtaggac tatccacagg 420
attgtgtaaa ttgtggtagg ggatgcagta ttcaatatc atgaattaaa cacttagcta 480
actgctttcc tgaaaatggg ctgtgttcta aaagacaaag atctagggtt tttgctgttt 540
tttactttta cttatgaaga ttcaagtcac taatatgtta cttgctctgg tttaaaatga 600
aagcaactgg ctatggtaag gtagagaaga cagctgaatt gtatcagaat atttaagact 660
tttaaattaa gttctgagtt acctcccctt ataaaaatat atgtcaatat actaaatacc 720
caacaaagat ccaggatgtg ggatatttaa aaatacattt ctcttgatc agcaccacaaa 780
ataccagttt ctgtacaacc cgtgtcaagt ttttaagtat acacacatta aaattatttc 840
tgataaaaaa atcacaaact ccacagaaat aattaaagat atatgcaaat tactttcaaa 900
tacattttga catcaaagtc aggcaattcc cttggaagaa tgttataatg aatgtcactg 960
aatttttcta gtaagatgtt tgacgtcaac tttgattatg ggaatacatc tcacacacag 1020
gaggcactgg tatttagaaa cttaggaaaa ttactagaat tgttaagact gaggtgaaga 1080
atttgtacag ccttcacaa tttcaaagag gtagtgatag atacttgtcc tctgggcaat 1140
atcaaatgca gtttcttcca agttgttttt cagccctggg ttgacgtaac ggttcacag 1200
gaggagttct aggttatcct tgctgtctct gttcccagca gcaagatgca agggggtcaa 1260
gaggcctttt gtttgggcat tgatatctgc atcatgctgc agtaagaaag aagccactct 1320
ggtattattc cacttacaag cactgtgcag gggcgtccag ccatccacag tcaactgcatg 1380
aacatcgccc cctgtgcaa tgagctcctg aacaatatct aagtgtccac tgtaggctgc 1440
tcgatgaaga ggggtatact catcttcac cctagtgttc acgtgagtgg ccttttcaga 1500
aagcagtctc cgcactgtgg taagctagca tgacactttg cagcttaata tgtgctttca 1560
tgtacattgt ctcatttggt cctcacaatc aagacatagg tatgatggcc ataacagtaa 1620
aggcaggtct tctg 1634

```


<210> 3890
 <211> 1468
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (61)...(1433)
 <223> similar to gi2854044 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3890

attcaacctc	ccactggaga	gcccctgctg	gcaaacgacc	ctactcggac	agaggaagtt	60
caggatgaca	cctggggaga	gaccaccacg	gccattacag	gcacctcgga	gcacagcata	120
tccaagagg	acattgccag	gatcagcaag	gacatggagg	acagcgtggg	gctggattgc	180
aaacgctacc	tgggcctcac	cgtcgcctct	tttcttggac	ttctagtttt	cctcaccct	240
attgccttca	tccttttacc	tccgatcctg	tggagggatg	agctggagcc	ttgaggcaca	300
atttgagagg	ggctctttat	ctccatggca	ttcaaaactcc	tcattctgct	catagggacc	360
tgggcacttt	ttttccgcaa	gcggagagct	gacatgccac	gggtgtttgt	gtttcgtgcc	420
cttttgttgg	tcctcatctt	tctctttgtg	gtttcctatt	ggctttttta	cgggggtccgc	480
atthtgagact	ctcgggaccg	gaattaccag	ggcattgtgc	aatatgcagt	ctcccttgtg	540
gatgccctcc	tcttcatcca	ttacctggcc	atcgctctgc	tggagctcag	gcagctgcag	600
cccatgttca	cgctgcaggt	ggtcgcgtcc	accgatggcg	agtcccgtt	ctacagctg	660
ggacacctga	gtatccagcg	agcagcattg	gtggtcctag	aaaattacta	caaagatttc	720
accatctata	acccaaacct	cctaacagcc	tccaaattcc	gagcagccaa	gcatatggcc	780
gggctgaaag	tctacaatgt	agatggcccc	agtaacaatg	ccactggcca	gtcccgggcc	840
atgattgctg	cagctgctcg	gcgcagggac	tcaagccaca	acgagttgta	ttatgaagag	900
gccgaacatg	aacggcgagt	aaagaagcgg	aaagcaaggc	tgggtggttg	agtgggaagag	960
gccttcatcc	acattcagcg	tctccaggct	gaggagcagc	agaaagcccc	aggggaggtg	1020
atggacccta	gggaggccgc	ccaggccatt	ttcccctcca	tggccagggc	tctccagaag	1080
tacctgcgca	tcaccgggca	gcagaactac	cacagcatgg	agagcatcct	gcagcacctg	1140
gccttctgca	tcaccaacgg	catgaccccc	aaggccttcc	tagaacggta	cctcagtgcg	1200
ggccccaccc	tgcaatatga	caaggaccgc	tggctctcta	cacagtggag	gcttgtcagt	1260
gatgaggctg	tgactaatgg	attacgggat	ggaattgtgt	tcgtccttaa	gtgcttggac	1320
ttcagcctcg	tagtcaatgt	gaagaaaatt	ccattcatca	tactctctga	agagttcata	1380
gaccccaaatt	ctcacaatt	tgtccttcgc	ttacagtctg	agacatccgt	ttaaaagttc	1440
tatatttgtg	gctttattaa	aaaaaaaa				1468

<210> 3891
 <211> 2395
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(863)

<223> similar to gi286103 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3891

ttgcctcgaa	gcataaacac	aaacacttta	tctattttaa	catatagtgg	aaaaaatcag	60
gattttctcca	gctttgagga	tactgggaaa	agtagtttag	gggacatggt	ctcacctatc	120
agagatgatg	ctgtatttaa	caagggaagt	gatgagtcca	taggcaaagg	agatggcttt	180
gactttctac	cgcggtgaa	ctcagtgttt	ccttcaagaa	aaaatccagt	aacttcaagt	240
acttcagcat	tgcattctag	tcctcttaat	gtttttatgg	gatctccagg	gaaagaggaa	300
aatgaaaacc	gtgatctaac	agctgagttc	aagaaaatat	atatgggaaa	acaggaatct	360
aaagactcct	tcaaacagtt	agcaaagttg	ggcacatctg	gtgctgaaag	tggaaatcta	420
aatacctctc	catcatctaa	ccaaacaaga	aattctgaga	aatttgaaaa	gccagagaa	480
gaaattgaag	cccagttgat	atgtgaaccc	ccaatcaatg	gatcctcaac	tccaaatcca	540
aagatagcat	cttctgtcac	tgtctggagt	gccagttcac	tctcagaaaa	aatagccgac	600
agcattggaa	ataaccggca	aaatgcacca	ttgacttcca	ttcaaattcg	ttttattcag	660
aacatgatac	aggaaacggt	ggatgacttt	agagaagcat	gccataggga	cattgtgaat	720
ttgcaagtgg	agatgattaa	acagtttcat	atgcaactga	atgaaatgca	ttctttgctg	780
gaaagatact	cagtgaatga	agggttagtg	gctgaaattg	aaagactacg	agaagaaaac	840
aaaagattac	gggcccactt	ttgaaatttc	agtgaatacc	ttaatgttct	gtaatttggg	900
aagtttctgg	caacacagaa	ctacatagaa	tcagtattgt	tttcatggcc	tccagggaaa	960
aaatgttttt	caagtaagag	taaaagggtg	atgggatttt	ataccaacaa	ctgtttcatc	1020
ttaaaaatat	gtatatTTTT	atattaaaaa	ttgtacagta	tgtcatctac	ccaataggaa	1080
agtcaacagg	atctttatTT	tttgaaagct	ttagccatcc	actaagtgcc	ctttttcata	1140
agagaagaaa	attgtgcata	aaaatttggt	atgtttgttt	tttagtcatc	ttttttaaca	1200
tatatTTttg	attgacaaat	tgcctttcaa	atTTTTgggg	ctagttgaga	tttaaagagt	1260
ttgatattgc	ttctattTTT	atggagaaag	taatttttaa	atggcaattg	gtgtttctaa	1320
gccattgact	aataaaacat	agggttggtc	agtaattatt	ttgttaactt	gatgaagtca	1380
agtatgacta	ttattttattg	tacatttgat	aagacaattt	ttggaatttt	gaattgcaca	1440
aattacatga	tatctttttgc	atttatgtta	ctatatgtga	cttctgacaa	atctttattc	1500
ctgggtggta	tttttaagat	atctttacct	ataaaaaatg	tttaaggttc	ataggactcg	1560
acaagagcta	tctggtgatt	ttctcattag	taacatgcaa	cgttgtactg	caaaatttca	1620
atcaacatga	caacttataa	tgagtggaga	tttcatatta	ggtactaaat	attatagtat	1680
tattttctatt	ttctttttcc	aaataagaag	cttggattat	tttattttgg	gggctttatc	1740
attaacttta	attctttctg	tactgggtat	aatatTTTTa	tattattggc	cttaccataa	1800
aattattttag	gaaagggtgt	caaaataagt	tatacctctt	tggcaataga	tagatgtata	1860
catctaccta	ctatgatcta	caatttttagg	ttaagtgaag	cttggggggg	ctactgactt	1920
ggttaccttc	ttgtctcttg	tcccaaagat	ttaaactatg	tacctttgta	tagctcttct	1980
gccccatttt	gacttctgag	atgaaagtat	tttctaaaaa	taaaaaaaaa	aaaacaaaaa	2040
acaaaccttt	agctcactaa	ctttatgggt	ttctgaagtg	atggaaattt	ttagggattt	2100
ttttaataag	cataaactta	ctaataatta	cttccaaaaa	taaaaacagg	aatattactt	2160
ttacccagtg	tggttttatag	catacatttg	tactgaagca	tatagggatg	ttaatgtgat	2220
cttttcttga	cagattatga	aagcattatg	acttgaaca	agtttccttg	tatatcacta	2280
acagggttag	aagacataaa	tattagtgtg	ttttgcctac	atggtgtatt	taaatctatt	2340
aatattttcc	tgttgctttt	ttaaaaaaat	aaatacacat	aatgtaaaaa	aaaaa	2395

<210> 3892

<211> 1774

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (28)...(884)
 <223> similar to gi537433 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3892

cggacgcgtg	ggcggacgcg	cgggacgagga	actagaggcg	gaggcggggg	cggaggaact	60
ggagcaggcg	gcagagggga	aggaagtcag	gttccaggcc	tctctgccgc	tgaccaggat	120
cgatgaggaa	gaggctgctg	cagccccgga	ggccgagaca	gagcgggtgg	agggggagga	180
ataggacaag	gaggagacgc	agagagacgg	cgcgagagc	aaggagaggg	atgggggaagg	240
acgcccggcc	aaaagccagg	aagaggggaa	gcgcctctat	ggaagggacg	agtttgagga	300
cctcgagtgg	tccgaggagg	tccagaagct	gcaggagcag	cagctgcgca	gcgacctcct	360
ggaccagtac	cgttccctgc	tggaggagcg	gaaccgctcc	cagcgctaca	acctatacct	420
gcagcacaag	atcttcgagg	cgctgcgcaa	aaagaagggc	ctggaggccg	ctgagggtggc	480
tgaccggggc	gcagaggccg	aggccccga	gaaagagcaa	gcgtacctgc	gccatctggg	540
catgctggag	gagctgaaga	agcagcaggc	agacgcacctg	cagtgggtacc	accaggagct	600
gggccagttg	aagcggcagt	gccaggagaa	gctcaccagg	gtggagaagg	agtggcgacg	660
cttccaggca	ctcaagaagc	aggtggtgat	gcaggccatg	ggcagctgtc	ggatgagggg	720
cgggcgccag	gctgctctgc	gagagggtgga	gcagatccag	gcgttgagg	ataaaaagga	780
gaaggagatg	agcgcctg	ggctggagaa	cattcagctg	aagcagagcc	tgggtgcattt	840
tgaaaccagg	atgaggaccc	aggaggacct	gacccagggt	ctgcttctta	ttgactttga	900
acagctgaag	attgagaacc	aaaccttcaa	tgagaaaatt	gaggaacgaa	atgaggaact	960
tttaaaactt	cgcagcaagg	tgaccaacag	tgtgcaagta	ataaccacg	tgaaggaaaa	1020
gctgcacttc	atggacatgg	agaacgcgtg	caaaaagaca	cagctggcag	aatcgaggc	1080
ccaggccgcc	ctaggaagag	acatcctgac	caagacgaag	caagcccag	aggggctgcg	1140
gacggacaac	atcagactga	atcagaagtg	cggccttcta	ggcaaggact	cacttcttcg	1200
ggacttggaa	gaaaagggtg	acaagaccga	actgcttcac	cggcgccctg	aatccctgaa	1260
gcgccaccac	gctagcctca	ctttgtcctg	cagaggcgctg	aggcagaaga	tcaggggaggc	1320
caaagccttt	ctcccttctt	gaccagatcg	atgagaagag	tctgcaaaac	acttcatacct	1380
caggacgtgc	tgtcctgctt	tattttacct	tcgttgctat	ttaaaaaggc	ctgtgttcat	1440
ttggggacgg	gactcttatt	tttgtattta	ttcttcaaaa	cgtttttagct	tccaaatcag	1500
tgctgagccc	caacccccgg	gttaggagtt	ttatcctggg	attgagcaaa	aataggtccc	1560
agaaaagcaa	acaaaggggtg	atttaattgta	actgacttct	catgaaaaac	tgtcaaaagt	1620
ctcaagtctg	agcaattcta	taatttcagt	gatgtaatac	taaagagtac	tgttcctctt	1680
tcatatgtag	gagggtttta	aagttcagcg	aatgggcaag	gtacaaaaaa	accctgtgca	1740
ttaagcta	tattaaattc	tttggtattta	ttaa			1774

<210> 3893
 <211> 1594
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(550)
 <223> similar to gi5106930 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3893

```

cggacgcgtg gggaaaccgc tgtgctgtgg gcgcagcgcc gagattgatt caccttcacc      60
tgtgctgcac tccagctgac ccaagtagga agccagacga gctgtaaaac atgaacggaa    120
gagtggatta tttggctact gaggaagaga tcaatcttac cagagggccc tcagggctgg    180
gcttcaacat cgtcgggtggg acagatcagc agtatgtctc caacgacagt ggcattctacg    240
tcagccgcat caaagaaaaat ggggctgcgg ccctggatgg gcggctccag gaggggtgata    300
agatcctttc ggtaaattggc caagacctaa agaacctgct gcaccaggat gctgtagacc    360
tctttcgtaa tgcaggctat gctgtgtctc tgagagtga gacaggtta caggtgcaga    420
atggacctat aggacatcga ggtgaagggg acccaagtgg tattcccata tttatgggtgc    480
tggtgccagt gtttgccctc accatggtag cagcctgggc tttcatgaga taccggcaac    540
aactttgaaa aacttgctct ctttcaatac tcccaatgaa gatacatttc actcacctc    600
cacccttgct attctgccat gtctttccct ctctctgcat agccagattt gaagtgactg    660
atacccaccc caaaccttgc tgttcacagt ctccaattct tcatattcta atgggaaagt    720
aaaggatttg tttgaaggaa aactgaagaa aagacttggc ttagaacaaa tgaggagtta    780
tatattttac taggactttt gatagaaatt cagctacaac ccaaagagag aaagattgag    840
tcttctgtgc accataggca ataccttttt tcttagctgg catgccataa aggccagcta    900
tgtgatatta gaggaagaaa ggatttttct ttttaatgat ctcccttggg aaattattgt    960
ggcctttatt taattttctaa ctacgtacct ggggtgcctat atcgacaaag agtgagaaga   1020
gcattttttac ttttttaaaa aagcaaatac atatatacac atacgtatgc aaatattata   1080
gtataatagt gatccctatg gagaattaaa ggtgagaaaag ctactttgtg gtgatctagg   1140
tttctgataa aagggatgat cttaactgaa gaatttaaaag agatacttaa acagagcaaaa   1200
tgtagtagga acaaggaggat gagccttata agaggacggt cagtctcatt tattaanaata   1260
ataactgaga ctgggagagg tggctcatgc ctgtaaatcc cagcactttg gtagcctgag   1320
gtgggagatt gcttgagtcg aggagaccag cctgggcaac atggcgggggc ctcatctcta   1380
tttaaaaaaa aaatagaaaa aaatgtaata actgaagcaa ctaattaaaa atcttagaag   1440
aacaatatatt attcttataa cagccaacta tggggagtta ttataaggta aattgccata   1500
atccagcgct gctcacatct aaaaaacttt gaggtgtaaa ggtaaatcgt accaatctct   1560
ggggctgccc tagtgacttt tttgatacct caga                                1594

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<210> 3894

<211> 628

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (581)...(58)

<223> similar to gil68455 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3894

```

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gccagcgct gtgtggggag ctgggacatg gggctatggg actgccccaa ccctctggga    120
actcataggc tggcaggggtg ggaggaggca ggcttgtggc tgtaactgtg ggtaggagtt    180
tcacgggcat ctcaggctgg ccctggaccc ctggaagggg ggctgggttt gggggttaag    240
tggagtcggt cagggatgag ggtgggaagg ggacagcagg cagaggatgt ggtgggcagg    300
tggctgaggc ctggagggac atggggaggg gccagggggc aggccttacag ggcttctggg    360

```

taaagctgtg	gagctgagac	tctactgctt	gtgtggagct	aggagaggtc	ttgaccatgg	420
atggtgggta	gctctgagct	ctgggcaggt	ggacgggtgt	ggggggacaa	gtggcagtgc	480
ggagtcaagc	agagggttgg	caaggccagc	tcgttcccct	gggcctgacc	cctctgctct	540
ccgaagccac	gagggcaggg	cagggtgatg	gtgcactggg	tcacctcctg	ccaatcaaac	600
tgtccttttc	cccttcagta	ttgaaggg				628

<210> 3895

<211> 1088

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (998)...(735)

<223> similar to gi535682 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3895

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tgtcaaatat	tgactgtttt	tatatgggt	gtcctaccca	attaaaaaaa	aaagaggaag	180
aatgacctgg	cagacagttc	ttgttgtgcc	atgttattga	tataacagca	atatcatata	240
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ctcaggggaaa	tgttttaaga	aatagaaatt	aattcattct	ttccccaaga	aaaactttaa	360
ggtaaacatc	ttaaaacacc	taagtgatga	aggagaaaat	ttgtattcct	taaaaagggg	420
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aaaatgagga	ccatattaac	ataattatgt	tggagagaag	aaaaaccac	acttagaagt	540
caggtttctt	ttaaaactcc	ttgttacaaa	tagaatcaat	gattatatct	cagacataat	600
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tgtaatgtac	actatgtaca	gaaagataat	actacctatt	ttaaactaaa	tatagatgaa	720
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tcctccaatt	actgccaatc	ccgtgcacag	gcagtgcccc	acagttccac	ccacggctac	900
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tgcttgagaa	ccataacaat	tcagaagcac	taaaaatggg	ggccaacaat	taaaaagcat	1020
aatagttata	aaaatgcagg	tgtgtaataa	atztatgaaa	ggtgcggacg	cgtgggcgga	1080
cgcgtggg						1088

<210> 3896

<211> 1733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (276)...(1241)

004875.02460

<223> similar to gi2224579 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3896

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gtgacttgct tagggtcatt ctgtaagcta gtatagcaca gaatgggttt cccttccctg      180
atcctagcag ttgtaggctg caatgctgtt ccgtatcagg aactgcccga gggtgaaaca      240
gttcagccct gaagggccta gttatggtga aagcagcaac tgactccagg aaaggaatgg      300
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```

<210> 3897

<211> 1968

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(284)

<223> similar to gill177607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3897

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gtagagatgg ggtttcacca ttttgccat tctagtcttg aactcctgac ctcagggtgat 240
ctgcccgcct tggcctccca aagtgtctgac attacaggcc tgagccactg cgcagccca 300
ataccatgag ttttaagcct cacatcgtca cttgtctgtca ctgccagtgc ctgttttatt 360
catattgctg gacaacagac atatgccacc aattgtatga ttaataaagt ctttttcttg 420
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cacttttcac ttgctttcat ttttaatttt attcacttaa cagctaacat ctttcttggt 720
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tactaattct ttagaggaaa aaatgcataa tttgagtgtg gaagtgat 1968

```

<210> 3898

<211> 5214

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5215)...(352)

<223> similar to gi37231 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3898

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tataacaatt ctacaagcca atcagacagt acgtgacatt tcaatgagta aaaaagagca 180
taaaactgta tgtgtaagaa caaatgttta aaaggcctac cacaataata aaaaaccgtc 240
aattacatca tcacattaaa ataagccaga tgtacaaaag tctgagacag agaagacaaa 300

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aggacaacac	aagatatattg	ttgaaaaatg	tttgtgctct	ttgggcactt	aattaaacat	360
tgcaaaatca	acatcatctt	cttcttcctc	agactctgca	aaatatatta	cttctttcct	420
agcccgaccg	gttcgtggca	gagaagggtg	ctcagtaggg	aagtctgagg	ggaagatgtc	480
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ccctcggcct	ttaccttttg	gtgttgtagt	cttctttgga	atgccaaatt	ctgaatccga	660
gtcagagttt	acagcctcta	ctactttctt	ctgttttggg	gctctcttgg	gcttagggac	720
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<210> 3899

<211> 1821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1823)...(602)

<223> similar to gi487783 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3899

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<210> 3900

<211> 2507

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (80)...(1636)

<223> similar to gi56312 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3900

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gtggccgctc	cctgggccgt	aggaaatgag	cgataacgat	gacatcgagg	tggagagcga	180
cgctgacaaa	cgggctcatc	ataatgcact	ggaacgaaaa	cgtagggacc	acatcaaaga	240
cagctttcac	agtttgcg	actcagtc	atcactccaa	ggagagaagg	tccagtccag	300
gtgcagcagc	aaggagaaca	ttctcagagc	cagtcacagt	gctgtcgata	tcaccaaggt	360
ggctagaaga	catcgcatgt	ctccttttcc	tctgacatct	atggacaaag	cctttatcac	420
agtccctggag	atgactccgg	tgcttgggac	agaaatcatc	aattaccgag	atggaatggg	480
gcgagtcctt	gctcaagatg	tatatgcaaa	agacaattta	cccccttcc	cagcatcagt	540
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aacaggtgct	ccaataccct	gcggtgctga	tgcagtagta	caagtggaag	ataccgaact	720
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tcctgaagat	gacctcttac	caggaagat	tcgagacagc	aatcgttcaa	ctcttctagc	1020
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tcggccaacc	atcatcaaag	caagggtatc	atgtgatgta	aaacttgatc	ctcgtccaga	1440
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gagcaaagac	aaaataatgt	taaacaattc	tgtaccataa	cattttctgt	aatgatactg	2460
aaacttaatg	aataaaaaaa	ttccttgatc	attattttaa	aaaaaaa		2507

<210> 3901

<211> 1171

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1164)...(251)

<223> similar to gi4455015 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3901

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acatgcacat	taaaaccaac	agggtgcaaac	tacaacaatg	catataatta	tacaaatgat	180
gccactctgt	gatgtttaca	ggattgctgt	ccatgcaagg	tgatcatagg	cattatttat	240
gaagccttaa	gatccagaag	tgttggtact	accaaaccct	tgattaacac	tgtgaagtaa	300
gtgttttggg	aggcagttcc	atgagttggc	taacatttct	ttaaagcaaa	tgactgcttc	360
taagcttagc	cgtacaagag	attttggttg	aactgaaaa	attagtattt	cattactgtg	420
tgcagctctg	tgatggacaa	gcaagttggt	ggcacatcca	ccaaaaacaa	ttacttctcc	480
ttcatcgctg	gcacaagctg	tgtgccataa	ccttggtttt	tcggtatatg	gatgattaaa	540
ttgtatccat	tcattttttac	tgatgcagta	agtccaggca	tcacttagtg	gctgtttatc	600
agtggtaaat	cctccaaaga	gaaaaagatg	atctgaagaa	actgggtgta	gtgagtgcc	660
agatcgacca	actgggcata	tgccttgtgg	aattaattca	ttccactccc	atgtatccag	720
attaagatag	tgaagatcat	tcattctagc	atcctaaaaa	aggataatta	agttatcatt	780

ttgaagaatt	caaaagcaag	tcattgaagt	cgtttgaata	cttactcgat	atctgcctcc	840
aaacacgaag	cctctatttc	cgacagttgc	acaggcatgg	gcagcacgag	gtgaagggtgc	900
tttaccagta	gttataggct	ggctccaggt	aaatgtttca	gtatctaaaa	tatgtacatg	960
atcattccat	cctcttggat	gacttgaatt	ccaaaaagat	gtttcatcga	attcaaaagt	1020
tcccaatact	ttatcttcag	gcaaatatcc	ataccctcca	aaaaatatta	acttggtttt	1080
atatacccag	acaccaagtt	tgtcctttga	tgatggagga	attccttggc	aatcaattct	1140
ttcccactgt	aacactctgt	ctgctcgtgc	c			1171

<210> 3902
 <211> 1287
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (519)...(688)
 <223> similar to gi4589526 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3902		
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ttcctggggc	gcgcccaggt ggacctgcgg gatctgcacc gcgaccaggg ccgcaggaag 120	
acgcagtggt	ataagttgaa aaccctctca cgggtcccagg gagggagaag gaaggcatgc 180	
tgatgggggt	taagccgggg gaggacgcat cggggcctgc tgaagacctt gtgagaagat 240	
ctgagaaaaga	tactgcagct gttgtctcca gacagggcag ctccctgaac ctctttgaag 300	
atgtgcagat	cacagaacca gaagctgagc cagagtccaa gtctgaaccg agacctccaa 360	
tttcctctcc	gagggtccc cagaccagag ctgtcaagcc ccgacttcat cctgtgaagc 420	
caatgaatgc	aatggccacc aagggttgcta actgcagctt gggaactgcc accatcatca 480	
gtgagaactt	gaacaatgag gtcattgatga agaaatacag cccctcggac cctgcatttg 540	
catatgcgca	gctgacccac gatgagctga ttcagctggt cctcaaacag aaggaaacga 600	
taagcaagaa	ggagttccag gtccgcgagc tggaagacta cattgacaac ctgcttgtca 660	
gggtcatgga	agaaaccccc aatatcctcc gcatcccgac tcagggttggc aaaaaagcag 720	
gaaagatgta	aatcagcaga aaaaaaacac cgagacgttt ctgtgacttc actttcacct 780	
gctccagggg	tcaaggactt gccttgccctg ataaccagcc agcaggctcc gaatcaccat 840	
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caattaatct	tttactgtac attcccaagg ctttagtttt aaatgccact gtgcctttaa 960	
caaggttgta	aatatTTTTat gccaccaga gatgtgggtca taagatctga tcctgagcca 1020	
gagattcaga	tggcacagga agtattcatg tattttaaca ctggggTTTT ctttctttca 1080	
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aaatgagaaa	aggaccatgc gattgggtgct gtgttacata cacatacttt cttggcttct 1200	
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ccagcttctc	agacttgggt cttgttt	1287

<210> 3903
 <211> 2055
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2056)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2055)...(1179)

<223> similar to gi733602 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3903

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cgttttgtgc	caaaagtggg	cacatccaaa	ctaatatcag	tataaaaata	aattttcaag	180
ctatgtgttt	ttaaaataaa	ggtcattgaa	acagtaaggg	ggaaaaaatc	tgcattctggc	240
atgtgttgaa	atgcaatcat	catcacagca	aagcagccct	ggggcaacaa	aaccagtgcc	300
tgctggaaga	actgtcccca	cgcgctcttg	caagaaccca	agcaaacaaa	caaaaaaaca	360
aatacaccag	tgatgttcct	gagctacaga	agtttagggc	atccaaactg	ttgtgaattc	420
ctgctaaaga	ggaggccctg	tgggatctga	gctgatgaac	tctcctgagt	gctcagctag	480
cgtggcacca	ggacctggca	ctacactctg	agaggacgct	aagcctacct	gtgaaacaca	540
aatcctctgc	taacacaaaa	cagcgcacga	gtcctctctg	tcaatcacca	atcccttgca	600
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ctctgcccgc	tgcagcacag	aaggatgcct	gcccattgcac	aaagtcctcc	aggatcccag	1020
caaggatgca	aatgctgtgg	gcagcgggaa	gaaaggacta	atgaacaggc	cgcagcccac	1080
ttcagagcaa	ccaaacattc	cacaggagct	ggtgccagct	caccccacct	gggaccaggg	1140
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cgcctcctc	cacagcaaat	ttacgggtgca	ctcgaattgc	gtgagacttc	tggtttgggg	1740
ggaccacaaa	gatattcttg	atctgcatca	tggcagcgat	gcttagaatt	tcctgagaac	1800
agccgaagtt	tcctgattca	agcagcattt	tggcaaacat	gggattcaaa	ggaaactctg	1860
ctattctcat	gccaagcggt	tcagttaggc	gacagtcttt	gtccagacct	cccagagcat	1920
acagtcactc	caaggcttga	accatagaat	gtgctggaaa	aggcgacatg	aagtggaaact	1980
tganccgacg	cgtggcgnc	gcgtagtctt	ccggtntntc	nagcctgggt	aggccccca	2040
gnntntntcc	cgcac					2055

00403736.01100

<210> 3904
 <211> 3211
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(3213)
 <223> similar to gi3168991 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3904

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tttcgagaag aaaggagctg ggactgaagg gtcctctgcc ctgcggacct gtgagcagcc      180
cctccagtgt gagattttcc accagttggg atgggaccct gtgcggtacg acctcacggg      240
ctggctccac agagccaagc ccaacctctc ggccctggat gcaccccagg tcctgcacca      300
gtcaaaaaga gaggagctgc ggagtctatt ccaggcccgg gccaaagctgc ctctgtgtg      360
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gcagcctggt agagacaagc ctggggcagg tggacctctg gccctggata tcccagcact      660
gagggtccag cttgctgggt tccacatcct ggaggctctg cgtctgcata ggacaggcta      720
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tgacttgacc tctgaccttg ccgatgagcg cttcaaaggt gatgtggcct gccagggtgct     1320
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gcatgaacaa gtccagaaaa aactgggaga tgtgaataaa cagttggaag aagcccagca     1440
gaaaattcag ttgaatgact tggaaaggaa tcccactgga ggagcagacg agtggcagat     1500
gcgcttcgac tgtgctcaga tggagaacga gttcctcaga aagcgtctgc agcaatgcga     1560
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00438735-012100

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ccagcagcgg gagagcagcc agtactacca gcggcgccctg gaagagctga aggccgacat 3120
ggaagagctg gtgcagcggg aggcagaggc cagccggcgg tgcattggagc tgtcttggtc 3180
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<210> 3905
<211> 2531
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(1824)
<223> similar to gi3393022 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3905
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attctcctac atgggaacca aagataaaag ggctataaca gttcaagaaa ttgctgttct 180
caaaataact gcacaaagac ttgccacct gaataagtgc ttgatgaact ttaagctagg 240
gaatttcagc tatcaaaaaa acccactgaa attgggagag cttcaaggaa accacttcac 300
tgtttgttctc agaaatataa caggaaactga tgaccaagta cagcaagcta tgaactctct 360
caaggagatt ggatttatta actactatgg aatgcaaaga tttggaacca cagctgtccc 420
tacgtatcag gttggaagag ctatactaca aaattcctgg acagaagtca tggatttaat 480
attgaaaccc cgctctggag ctgaaaaggg ctacttggtt aaatgcagag aagaatgggc 540
aaagacccaa gacccaactg ctgccctcag aaaactacct gtcaaaagggt gtgtggaagg 600
gcagctgctt cgaggacttt caaaatatgg aatgaagaat atagtctctg catttgcat 660
aatacccaga aataatcgct taatgtatat tcatagctac caaagctatg tgtggaataa 720
catggttaagc aagaggatag aagactatgg actaaaacct gttccagggg acctcgttct 780
caaaggagcc acagccacct atattgagga agatgatgtt aataattact ctatccatga 840
tgttgtaatg cccttgccctg gtttcgatgt tatctaccca aagcataaaa ttcaagaagc 900
ctacagggaa atgctcacag ctgacaatct tgatattgac aacatgagac acaaaattcg 960
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cttaatttta gctcagaata taaattagtc aaaatacact tcaggtgctt aaatcagagt 1500

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atgcatttta	agagcaaatg	caacaaaaca	aatctggact	atggataaat	aatttgagag	1680
ctgccaccca	caaatataaa	tacagtactc	atgctgactg	aaataataag	acatctacaa	1740
atttataaac	aaaaagtgat	tgctattatc	ctgcttatgt	actagattca	ggcaagcatt	1800
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gcattgatag	gcccatttta	ttttttttatt	tttttttttcg	agacaggatc	tcactctgta	1920
gcacaggctg	gattgcagtg	caatcctgca	attctcaatc	ttgcaactga	gcctcgacct	1980
cccaggctcc	agtgactctc	ccacctcagc	ctcctaagta	gctgggagta	caggcgcgca	2040
ccaccacgcc	tagctgattt	ttgtattttt	ttgtaaagac	gggggttttg	ccatggtgcc	2100
gaggctaact	cctgggatta	caggcatgag	ctgtgctggc	cgggtttttt	tttcttgatg	2160
taaacgtgta	cagctgtttt	attagttaag	gtctaatttt	tactctaggt	gccttttatg	2220
ttcagaactc	tttccactgg	actggtatatt	gctcaaaaat	aaataatggt	agagaagaaa	2280
actataaaaa	tggacaaggc	tttcttctat	cagtagcggt	taccttttgt	caccagtggc	2340
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tttctaaagt	tgtatatcaa	aattgtatca	atttttatatt	tctatgattt	ctacgcaaca	2460
aatgtaataa	atatttttaa	aatctccttt	ctactgggta	tgtaaataaa	tcaaataaat	2520
atatcaaaat	g					2531

<210> 3906
 <211> 2778
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(927)
 <223> similar to gi4176376 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3906						
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ggtcatataa	gcccagaaga	ctattttcagt	ctgttaaact	tcattgccct	aaatgtcatt	180
tgctgcaaga	agttccacat	gagggcgatt	tggtatataat	ttttcaggat	ggtgcaacta	240
aaaccccaga	tgtcaagcta	caaaatacat	cattatatga	ttcaaaaatc	tggaccacta	300
aaaatcaaaa	aggacgaaaa	gtagcagttc	attttgtgaa	aaataatggt	attctcccgc	360
tttcaaatga	atgtctactt	ttgatagaag	gaggtacact	cagtgaat	tgcaaatctt	420
cgaacaagtt	taatagtgt	attcctgtga	gatctggcca	cgaagacctg	gaacttttgg	480
acctttcagc	accattttctt	atacaaggaa	cagtacatca	ctatggatgt	aaacagtggt	540
ctacttagag	atccatacaa	aatctaaatt	cctgggttga	taaaacatcg	tggattcctt	600
cttctgtggc	agaagcactg	ggtattgtac	ccctccaata	tgtgtttggt	atgaccttta	660
cacttgatga	tggaaacagga	gtactagaag	cctatctcat	ggattctgac	aaattcttcc	720
agattccagc	atcagaagtt	ctgatggatg	atgaccttca	gaaaagtgtg	gatatgatca	780
tggatatggt	ttgtcctcca	ggaataaaaa	ttgatgcata	tccgtggttg	gaatgcttca	840
tcaagtcata	caatgtcaca	aatggaacag	ataatcaa	ttgctatcag	atttttgaca	900
ccacagttgc	agaagatgta	atctaata	gccatccaat	ttagcataca	taaaatgttg	960
ccactcacct	tccctgtttg	agcttctttt	cctgacctga	gttttgtatc	agcaatgttg	1020
atgatgttag	catgggtatg	ggattagaaa	atgtccttac	cttaaattctc	ttggctttta	1080
ctcgggtgca	aggtaaataa	ttggctatgg	attttgtttt	gcctttcctg	ttttgctttt	1140

gtacaaagag	acctgcctta	aacaagtact	gcctgagata	agtgtctgat	caagcctaca	1200
gtgtacttta	agtagaaatg	gcaaagttgc	tttgttgggg	tgctgatact	gatgatttta	1260
ggataaattc	atttctttta	acttgtaata	catgggttta	attgcttggt	tctctccagg	1320
atagtagaga	tttctctatt	tcacctcaac	ctaataaaag	tggtcagatt	tataatgtta	1380
atgacttaat	attatccttt	tctaatagtc	tcatgtaaaa	tatgccgcta	ttacaactta	1440
caactaattg	aatgagatgt	taacttagta	aaatagtttg	atTTTTacct	gacagtgttt	1500
gtcaaattta	aaaacatgaa	tattcaattt	tatacaaaaca	tttatatata	tatatataga	1560
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taaataagtg	cacacatttc	aactgtttca	tttatttgcc	ctaagttgag	ctgaaaaatg	1680
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agctagagtc	tgtgccttaa	ttcacataat	ctctattcag	agcctgtact	gttaaccact	1920
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aaataacatt	ggaaatagat	tataagagga	gtcagtgtgt	ttttctatag	tttcaaaata	2040
cttttaacat	cttattgtca	aaaagattgg	ataactgact	ttctttgctc	ataataactc	2100
taaattctag	ttcctgagta	cattaacaca	tcttctttac	ctaactacca	atgtccccc	2160
tcatcgactt	atcagcttgt	ttgagacaat	gagaaagact	gattttat	tcaagaatat	2220
agactcttgg	ttcaaaacat	tttcaggaaa	aatatTTTaa	aaccctacag	ttgaacaggt	2280
gtgtttccgt	gttgatgatg	tgctcaggat	acaaagggtga	aataaacatt	ttttctgcct	2340
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gcctgcaaga	tctccacggt	aacaaaggaa	aactcttcct	atgaatcttc	atgatgatag	2460
gccatgtctc	ttcttatatt	tgTTTTaaat	aaacatccac	cttatcatga	tttcttttgg	2520
tttattgtgg	ggTTTTgtcc	ttgtctTTTT	aaaaaaattt	tcagTTTTta	gcaagaatta	2580
ttccatcaac	atctagtgtt	tctctagaga	tgatgtatgc	actttatgct	aatcaggaac	2640
ccagagagga	gaattttatt	tctggagcaa	caactaaatg	gtagttcatt	gtgccccaat	2700
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caaatttaag	aaagaagg					2778

<210> 3907

<211> 1671

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1586)...(536)

<223> similar to gi5281316 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3907

tttttttttt	ttctcgggaa	actggtttaa	taaggacaat	tccagagggg	cctggctgtg	60
gccaaagctg	tgccaaacgg	ttgggatcca	gagctaaagg	cacttcttgc	cacgtgagac	120
catgggctgag	gctccccacg	ctatctccac	caccacagtc	atgagagcca	agcgagactg	180
gcctgtggcc	tggggctcca	cagctgcccc	gctccacctc	cggcatttac	tggctctcatc	240
ctgagaggca	ttgggtgccc	actcaactggc	tggatgctgg	gctggttcat	gggtggcaga	300
gccagggtat	accctttggg	gatgtcccta	acccctcagg	accagaggca	gcaccaagca	360
gcatgtcaca	gccagtgtca	gggtcagctg	caccctttgc	tgggactcta	gctctcctca	420
gagggcctcc	tagggccatt	cggggcactg	tgggtggcaa	tggggagccc	cggctccctc	480
attaggccag	acaccagtct	ggccgggtca	gggaggccca	gccttggggc	ctgtcacacg	540

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tagtccagaa tctctgtctc catttcgttt tcaactgccgt cggatggcctt gaagtcctcc 600
tcctcctctt cctcctcctc ctcacccctc tcgtcttccc cagactcgtc cgtcagctgc 660
tcttttccgc catcagcctt ggctgagctg gaaaagagag caggcctctt ggagcggatg 720
gtctgccgga tcatgaggga catggtgtcc ctgagctcgt cgtggtctt ggggaggcac 780
cacccatccc gttctgtgca ggaattctct gccccgtcat tgcggtgaat gatcttctgc 840
aactcttcca cattcaagtc gcataactgg tagaacatct gccgataagg tggcaaggcc 900
ccttcccgga agatgtagac agagtccctc agtgtctgaa ggctgacctt gagcttgtac 960
ttgctggaag ctggtttccg agcaccactc gtccccgacg ggcccaggcc ctgcttcagg 1020
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gggttagtgc agactctcct ccacgtctgg gctgcagcct ccagtggctg cttgggcacc 1440
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atcagattct cacctgagat ggggggattg ttgtagcctt cccgctcgcg tcatcctaac 1560
tccccgggct cagcaagacg cgagggcctc caggagcaa atggcccatg ggagggccca 1620
tgtcttcggg aaaacgacca ccgtgtcctc gactttttat ttaaaattaa g 1671

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<210> 3908

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (890)...(294)

<223> similar to gi4456991 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3908

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acttgagata agggagaata gggtcttcta attcaagata caatcaattt atgatcttgg 60
gagaacaaag tgcaaggggc cagtgagtct ggacacactc caaaggctac agagggtttt 120
atgccctgag ccctgggttc tctccaagcc acaaggggtt tcataccctg ggtttagatt 180
gtactgcggc agggcagcct tccacccttt ggcacagagt ttggtgttcc aaaggatcatg 240
aggggtttta gaccctggac ccaggacatg ttccaagact cttttacatt atgtcagaaa 300
aacgagccct gcctcagctc ttctgccaac atgtctcctt tttttgtcct gcaaaaccgc 360
cacagctatc attgcttggt cttggcagcg gctttctctc cagaagcggc ttccgcatct 420
gtagattaaa aggagacagc acaagcacat aattattaga acaaaattta caagtgtaga 480
gtttccagtg gtcttaatcc atttaagaga attgattgca gacaacccat tggctgcctc 540
gctgaaaata tcagttccag ggagcagggt taagttagcc tgagaggctt caaaaacctg 600
ctcttttact tttaacaatat caagggtgag attttcctct ctgccacta gatggcattt 660
aatttcccat tgggtgttctg tttcattcta actatgagga gtaacgcaaa aatcgatgt 720
attccagtca cattgcattt gaattctagt ttctaaactt atgatgcaat ccccatcca 780
aattactgtc tgaggagat cattaatttg actaactata ttttgatctg tttgggcctg 840
agagctccat aatttcatag aattcttttt ccatttatca acaaatttga 890

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<210> 3909
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (12)...(205)
 <223> similar to gi2661037 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3909

cggacgcgctc	ggacgcgtgg	gttacagaga	aaggaaatac	tgtggttagaa	tttttagtag	60
gactctttaa	accttttgtg	gaaagctatc	aggcaaattg	aagaaggaga	gagagtgact	120
aatacgatca	gtgatttcac	ctcaccagtg	agaccttgct	ccccgcattc	aggaggaagc	180
ttggttcatt	acagacccaa	gaggacaaca	gcttagtgat	gccatggtca	cagtattcac	240
aggaccacag	ttacacccac	gcattcatctg	tcatactgtg	tctcatgtct	taacgaggcc	300
ttcatgtcag	tcaatatgta	acctcgaggt	ttgatataata	tcaggcactc	agtaaaggca	360
agacttgagt	gatacataaa	gtcagttaca	gattaccaga	tgn		403

<210> 3910
 <211> 3202
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2146)...(3113)
 <223> similar to gi3882179 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3910

tttttttttt	ttgagataat	taggtaagaa	gattttattgt	ttacccttgc	agtgtttatg	60
gggggaaaag	gtattttacag	aattactgtt	gctagcgaga	atatacagta	aagtttaaaa	120
cattttggag	aactgatttt	gattcttaaa	atgtgtcttt	ttgcaacata	tgctctgggt	180
acctataaat	acattttattt	tgcccttga	aaacattcac	atcctattct	ttgttagcct	240
tattttttcca	gtccttggtta	actctctcag	tgctggataa	taaacctgca	tttcttttaa	300
aacattttgtt	cagtttcggc	atcagtgtct	tccccagca	ctcccttaat	ctaaattagt	360
aacatttttac	tgtatgaaaa	atagttgctg	ttaactaaaa	attcaatagg	tgagttagac	420
atggcttttc	aagtaggatt	ttcagtggt	tcagattcca	tcatacacia	gtgtatgttt	480

tttctgtgta	agttttttcc	gtgtaagttt	tttccgtgct	caaccgtaag	tgctcaacca	540
tcttctcccc	acttttagtct	gctatgtcaa	aaaactgcat	caagcttttg	tgtgaagatc	600
ctgttttcgc	agaatatatt	aaatgtatcc	taatggatga	aagaactttt	ttaaacaaca	660
acattgtcta	cacgttcatt	acacatttcc	ttctaaagg	acgtagtact	ttggaaactc	720
agtgtgtcat	ttccaattag	ttaatgcttg	tggtttcatt	atgctggtct	tttgagatt	780
tttttaaadc	ttctttttca	ggttcaaagt	caagtgtttt	ctgaagcaaa	ctgtgccaat	840
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tccaaccgag	ttgaaatttc	caaagcaagt	gcttctttta	atggggtaag	aactatgcag	960
aggcggcggc	acacactttt	aaactgtcct	tcagttaact	gtgtggcctt	catatgattt	1020
tactctcgta	actttaactt	actgattcaa	actcttaagc	catgtgcgac	aaaaaaacaa	1080
gttttaaata	cacgtttact	atgccttgta	tgtacacagc	acactctatc	accttggaag	1140
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ctctagttag	gtatatTTTT	ggaacaata	cttgtgatgt	ttctattact	gcctatggct	1260
cctatgtaac	tgaaacaatt	aatgatctac	tgattttaaaa	aaggcagtta	aatctagagc	1320
attagttgcc	ttgtgcagac	tcccatgaca	gccatgtcct	agaataatgg	aacactctgg	1380
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agatgacaga	gctcagtaag	gaagaccta	ctatttgtga	catccatcag	aatttttaact	1500
tgagaaactg	atttcaaggt	ttgtttttta	aattcttata	tttccctttc	catttttcag	1560
aaaacactat	ttcaggcttt	ggtctgactt	actggttcgt	gggcataaaa	taatgctatt	1620
agtgacttta	agaactaatg	aggctgggca	cgggtggctc	tgcttgcaat	ccaagcattt	1680
tgaggaggtc	aggccggtgg	ataacgaggt	caggagattg	agaccatctc	aatggccaac	1740
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ctgtagtccc	agctacttgg	gaggctgagg	gagggggaatc	gcttgaaccc	gggtgggtgga	1860
ggttgacgag	agccgagatt	acaccactgc	actccagcct	tgccaaagaa	caagactcca	1920
tctcaaaaaa	aacaaaaaca	aaacaaaaaa	aaaaacaact	aatgaaatgc	tgtagtatct	1980
taacactggc	tttctggttt	tatcattcta	agaatcccag	agaaaccagg	gtattcttag	2040
gaaagaatgg	attcctggga	aaataaacat	ctgcaattaa	ctgtaaacaa	ctgcatcaaa	2100
gtgttggtct	tagaatttga	aatgttccta	tctgggtttt	tgtaggacct	gagggcactc	2160
gctttgctcc	tgtcagtaca	cactcccaaa	cagttaaacc	cagctctaata	tccaactctg	2220
caagagcttt	taagcaaatg	caggacttgt	ctgcaacaga	gaaactcact	ccaagagcaa	2280
gaagccaaag	aaagaaaaac	taaagcgtta	gctttatgga	ctactatcat	tacctttagg	2340
gtgggaggag	ggagtaatac	acttggtgta	actggtttaa	gagttgtgtg	ttcagctgaa	2400
cctcctaaat	ataaatgcta	gaaacaaaat	taacttccca	catccccccc	taacgtgatc	2460
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agtgcacatg	aaacagaaac	caggagaggtc	ctgaccccaa	cgagcacttc	tgacaatgag	2640
accagagact	cctcaattat	tgatccagga	actgagcaag	atcttccttc	ccctgaaaat	2700
agttctgtta	aagaataccg	aatggaagtt	ccatcttcgt	tttcagaaga	catgtcaaata	2760
atcagggtcac	agcatgcaga	agaacagtc	aacaatggta	gatatgacga	ttgtaaagaa	2820
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ctcttttagtc	atatgcagca	acatgacatt	ttagataccc	tgtgtaggac	cattgaatct	3060
acaatccatg	tcgtcacaag	gatattctggc	aaaggaaacc	aagctgcttc	ttgacattag	3120
gtgtagcatg	tctactttta	agtcctcac	ccccaacccc	catgctgttt	gtataagttt	3180
tgcttatttg	tttttgtgct	tc				3202

<210> 3911
 <211> 833
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (810)...(499)
 <223> similar to gi5734705 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3911

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cctcccacac	tgcacctgcc	ctcacgaccg	accccatcct	cacccccatc	aacatctctg	180
cctccctcct	tggctcctagg	gtttttttta	aaaattcaat	caggaaaacg	gagggcatac	240
ccagaacact	tctgggtgca	gaatggggag	agaaaggctc	agccatccgt	ccatgcccct	300
gtgaattcag	ccagcgctta	gacagcaccc	acgcatccca	ggtactgggc	atggggagtt	360
caaccgtgaa	caaaaaccat	gccccagga	gcttccgctt	tggagcagga	ggcagacacg	420
gacctagaaa	gtcatggttt	gaggcgatgt	atgctaaaat	ggagggagca	cagacagtga	480
gaggaacact	agaaactccc	aggggatggg	gccgggcata	agggaagact	cgatatctgc	540
agtggggcct	taaggttgag	caggagttct	gaccacacgc	agaggaagaa	atcccatcga	600
caggaacggt	tgaagggaa	cgcaggacag	agcttaggag	actagactgt	ggagggagga	660
ttctcaggta	gatatgaggc	aggcaccggg	ctgagaggct	gccaccttgt	ctaggggctt	720
ggggaggagg	caggtgagct	gggaggggca	gctctggggg	cttgtgagga	tggactggag	780
gtgggaggct	ggaagttagg	aggctgaggt	gacaggtgga	agcgtgagct	ggg	833

<210> 3912

<211> 1456

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(819)

<223> similar to gill199604 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3912

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tgagtgcagt	gaatgtggga	gaccccttgc	tgaaaactcc	agtcttatta	aacacttgag	180
agttcacaca	ggagaaaggc	cttatgaatg	cgttgagtgt	ggaaaatcat	ttcgccgaag	240
ctcttcactc	ttgcagcatc	agagagttca	cactagagaa	aggccttatg	aatgtagtga	300
atgtgggaaa	tccttttagct	taagggtccaa	cctcattcac	catcagcgag	ttcatactgg	360
agaaaggcat	gagtgcgggc	agtgtgggaa	atccttttagc	cgaaaatcta	gccttattat	420
acatctgaga	gttcacactg	gagaaaggcc	ttatgagtgc	agtgactgtg	ggaaatcctt	480
tgctgaaaac	tccagcctta	ttaaacactt	gagagttcac	actggagaaa	ggccatatga	540
atgcattgat	tgtggaaaat	catttcgcca	cagttcttcg	ttccgtcgcc	atcagagagt	600
tcatactgga	atgaggcctt	ataagtgaag	caaattttgg	aaattctctt	gcccaggcctt	660
tttgctcctt	caaggccaga	gagttcacac	cggatcaagg	tgttatgagt	gtgacaaatg	720
gggaatattc	tttagctaga	atgctagctt	ctttacataa	aagagtgctc	ccactgaaga	780
agtgccctttt	gagtgcaatg	aatgtgagaa	agccttcagc	cctctctcat	tggttaccac	840

00121015298460

aatattttaca	tgaggaaaat	accacagatg	tggaggtaat	attattttttt	cttcaatata	900
acactggagg	aaacccctta	tgaggatgcc	atctgcctaa	attgaatgtc	atacatcaaa	960
tagctgcata	cattccaggt	atgtgggaac	tgcatagtat	ttttcgacct	gccaggtct	1020
cttgctagac	ttctgtgact	tacagtcttc	ttctaaaaag	catttcacct	ttaccacttg	1080
gcaggtgccc	acagtacatc	attcgccctaa	ctcatcatga	tccagaagta	actttgattt	1140
tgtttcattc	aacagaggga	tttttttagta	tcctcagcac	tcattctatt	ctcattttctt	1200
tctctccaat	gagttaggcc	atgaacctga	ctcatttttg	gcacagagga	ctcttctgat	1260
aacttgaaaa	aatggactac	cttttttcagg	gatcttttgg	atctcacaga	gttcttaaga	1320
tggatttttc	cagcctgcc	gtcatgaatc	tcagacagcc	tgccacctat	tgccctgatt	1380
tgtgttataa	taaaggcctt	gttgcttaag	acaccttcag	tctttgcagg	agggcatgga	1440
agctccaaaa	aaaaaa					1456

<210> 3913
 <211> 1269
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1271)...(227)
 <223> similar to gi4105619 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3913		
tttttttttt	ttcctaaatt acagtatttt atttaatatg cctttttaaa ataaatgagc 60	
cttagcttat	caggcacaaag ttttttttgt tttgttttgt tttatttatt cacttacagg 120	
aaatataaac	acaaattcta aaagtgtgaa gttgcaaagc acaggcaagt tcacatttca 180	
attaatgtga	actgaacaag agtttaagggt gattttttaa taccttccac gttagaaaat 240	
ccttctttct	taaataagtt ttcatataaa gccaaagtcct tgcaacttaa cgacggtttt 300	
acagtcttaa	gtgatttttag aaagtgtctc tgtttcactg tagttgcgtc tagtccattt 360	
tcttgacag	ccagcaaagc agcttctgtg cagaggtttc taagatcagc tccagaaaaa 420	
aaacagggtt	ctgctgagag gttttctaag gagacatcag gccctattgg catgggtttt 480	
gtacagactt	ttaaaataga aagcctgccc ttgtgatctg gaggtgggat atagatgatc 540	
ttatctaata	ttccagggtcg taacaaagca gtatctaaca catcagggtc atttggttgc 600	
gcaataatca	tgacacttcg gttaaaaact tcttgaaact ctcttcattt tttcagctcc 660	
ttgtatttac	cctgttgact tgatttactt cctcttctct ctattgtctt aagtccaaca 720	
ccatctaatt	cattcaggag aacagaaaga actcgttctt gaacatcaca tcctgtcttg 780	
ctggctgagc	gagctcccaa gattgaatca atttcatcca aaaacaaaat tgctggagtg 840	
cttgctcttg	cttgctgaaa tatctgagac aacacttttt ctgaatctcc aacaaacggt 900	
gaaaacagat	cagctccact cactgaaacg aaagagcagt gacagcttgt ggccagggcc 960	
ctcaccagag	tggttttagc acatccaggg ggcccataga ggagaactcc ctttggttgt 1020	
gtcaggccca	ttctaacaaa ttcccaaggg aatttcagag gccactcaat gctctgtttt 1080	
aacttcagtt	ttacatcttc aaggccacca atctcctccc agtcaacagg cttgatatcc 1140	
attaatccaa	tgacgcttcg aaacgatgag ggctgaatat ttttaaaagc ttcaagggaag 1200	
tctatttcat	caatcacagg attgtccttc tcactatgaa ggagggcatg catggcagcc 1260	
tcctacag		1269

<210> 3914
 <211> 1449
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1451)...(1226)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3914
 tagatggtga gtgccccttc ccatccaaaa ggtctcagca cactgatgat agtgccttgt 60
 gcatgtcgct gtcagggttg aatcaagtgg gctgtgctgc taccctgcct cattcttctg 120
 ccttcacgcc tcttaagagt gatgacagac ctaatgctct attaatgttca cccgcaacag 180
 aaacagttca tcattcccct gcatattctt ttctgtctgc tatccagaga aatcagcctc 240
 agcgccctga aagcttcctt ttccgagcag gtgtcagggc agaaaccaac aaagggtcatg 300
 cttcacctct tcctccatct gctgcacctt ccactgattc tacagattcc ataacaggac 360
 agaattcaag acagagagaa gaagagctgg aattaataga ccaactgcgt aaacatattg 420
 agtaccggtt gaaagtgtct ctaccttggtg atctcggagc agctctaact gacgggtgtg 480
 ttctttgcca tttggccaat catgtgctgc ctcgatctgt cccaagcatt catgttccct 540
 caccagctgt agtaagttga taatcctaaa aagccttggc tattcatcag acatttgtta 600
 agcacagtgg acagacattt cttaagcatt gtgctagata ttaaggatac agatataaag 660
 agtccagtct ctaccttcct ggtctcactt ctactcgaga agaaatagac atgtatacag 720
 ctacttacag cagtgcgata aatgtaagaa aggcattgtac agtgtgtgtt atagggatat 780
 aaaaaggggc cacttaactc cacctggaga gttcagggaa gccttcccag aacggggcaaa 840
 atttgaacta attcttgaag tttaagaagg aattttccag cagtacagag aggggagggg 900
 gccttccagg cataggattt ctagattcag aagctaagga aagtttggct ttactttaag 960
 gaattggtaa attgttcaga atggatcgtg cacagggttg taatacaaat ggtaaggggt 1020
 aaggctagag acgtgagctg gggccgtggt acaaaggcct tatgaaccgt gtgaaggacg 1080
 tttaccctag tacagacaat gaggatacac tgaattaaag agggaatacc atgattctaa 1140
 ctgcagttta gaatgatgaa tctaggctgg gcgcggtggc tcatgcttat aatctttgca 1200
 atttgggagg ccgaggcaga cgattgcttg agcccaggag tttgagacca gccaggacaa 1260
 tatggcaaaa ccccgctctc accaaaaata caaaaatcag ctgggtatgg tggcatgtgc 1320
 ctgtgggtccc agctactcgg gaggctgatg tgggaggatc acttgagccc aggagttcga 1380
 ggctgcagtg agccgtgatt gtgccagtgc actccagcct aggtgagaga gcaagaccct 1440
 gtctcaaaag 1449

<210> 3915
 <211> 1550
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1272)...(655)
 <223> similar to gi4185892 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3915
tttttttttt ttatatatttta tcaatttttat tgaaatatc caaggatccc aacccccattt 60
aaaaataaaa attgtaaaagc actccattca ataaaagcac ataagtcccc ctcaataatt 120
agtatgacaa ttcacgatac agctcttact ctgggagagt ttattttacc ctttattcca 180
aaaggcacia agtcatctga ggcctcagat attaacccca ctgcatgtta atgacacacc 240
actgaggtgc agtcaatgt aattattaaa gcttataaca cacttcccca agaatttata 300
gattctttct ataaataata atttaaaaaa tactgcacct taagaccaat acaggcttaa 360
caaaagacct gaaattttctg caagggcagt tttgtttctt gatagaagta caacttttga 420
aagtctattc ccagcaaaaag aaacactaga cccagcttgg ccaaagaaac aaaataaaac 480
aagtgatttc taacacgcta aaagagtaca ttttcatcag ctccaaagaa agcagtcctg 540
gtcattcaga aggtccttat gatccacca gtctgcagtc attagaaata tatgctttac 600
aggccacagg ctgctctgga tttggtttca gacaccagt accagaagaa gccagttttg 660
cgtgtgaggg gtgtgggccc ccgctgcctt gggcctgctc accggggtgg atggaccccc 720
gccgggtcac agcctgctgt cacgtctgga ctgttggcct cttctgcatc tgggctgttg 780
ggctctcctg ctctctgtcc ctcagtcacg tcattgtctg gctgtccggt gctggctgca 840
ctctcatttg tgaggataac ccttctcttc ttcttttctc ccaatacctc cagccccatc 900
atcctgagat aatgaagccg ttcatctctg ggcacaaaag ttcgaatgga ggcttttccc 960
cgccatccgc ataagacgat gggacactgc agagcgtctg gattcgcaga atctggttca 1020
tacttcagca cgatgcttcc ctttgccagg tcctttgctt gactgtaggt ctactgctg 1080
agttttctaa aaaagggtt ttcttgggtc aacagtatct taacatcttc cattgatata 1140
gtaataattc ttgagttaat aaatggatac aatgtatata ttccctcctg tgccagccgg 1200
aaagcacagt caaactcttc accgctgtta tttctacacc agactttgat ccccggtgta 1260
ataacctgta agtaaaaaaa taagatgaaa cacagagaga tgaagacagg accatctcct 1320
gtaaggatgc cgggccacat ggagcaaccg tcacggaatg ggaaaggaga ggagaagcag 1380
aaaccacccg agaaaccccg gttaagaacg aactgatact cacaacttgt gattacgtcg 1440
cttgaggagc agtaaaagca atgaaaaaag ggcaacccaa tggccaaatt ctaagggaag 1500
taccgcacgc gtggggcggtg gctcgacccg ggaatgccgg agtaaaagta 1550

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```

<210> 3916
<211> 638
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (618)...(136)
<223> similar to gi2578453 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3916
tttttttttt ttgtgtgcca caagtttatt actcaataaa tattctgtgg tttgacgtgc 60
tgtattgtat ttttaatgta tctgatgag aaaaacaatc ctaagacatc ctgtaagtat 120
cagacacgat tgaataagaa ggggaatgac tccatgaaac tatatttggc atcagtaaga 180
ttcttctgcc agttttctcg aaagcgaacc attcctgggtc tgtgaactaa tgcttggtgg 240
tcacctacat aagaacaac aatgggtgca tccgaaaaat attcgtcaat ttgtttaaga 300
cccttttcca cagtgaattc accgtgagtc atccacttga tgtttttcaa agggtttcgc 360
tctctttcca caatcttaac agcataattg atgacatcct caaccagagc tagagctact 420

```


tgagtcaatt	catcctcgta	gttcttgtct	tgtgtattcg	gcattgtttg	gcttgcgget	480
ttgttatcct	catccattgc	tttctggctt	gttgaatttt	gagtctcact	cattttcttt	540
ttccggagtg	agcagatctt	ctttgcttgg	aacaggagca	gtggtaggtg	gctggggatg	600
tctcaggatt	ctctcagtag	cttctctcag	attgccag			638

<210> 3917

<211> 2057

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1338)

<223> similar to gi3461882 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3917

gaacgacaga	tgaaatccag	ataagtgacc	cgaccctcag	gtgcaccta	gaaagaacac	60
gtaaatgtag	tttttattgg	ccatgtagac	gctggcaagt	caacgatcgg	aggacagata	120
atgtttttga	cccgaatgg	tgacaaaaga	acactggaga	aatatgaaag	agaagctaag	180
gaaaaaaaca	gagaaacctg	gtatttgccc	tgggccttag	atacaaatca	ggaggaacga	240
gacaagggtg	aaacagtcga	agtgggtcgt	gcctattttg	aaacagaaag	gaaacatttc	300
acaatttttag	atgccccctg	ccacaagagt	tttgtcccaa	atatgattgg	tgggtgcttct	360
caagctgatt	tggctgtgct	ggtcatctct	gccaggaaaag	gagagtttga	aactggattt	420
gaaaaaggtg	gacagacaag	agaacatg	atgttggcaa	aaacggcagg	ggtaaaacat	480
ttaatagtgc	ttattaataa	gatggatgat	cccacagtaa	attggagcat	cgagagatat	540
gaagaatgta	aagaaaaact	ggtgcccttt	ttgaaaaaag	taggcttcag	tccaaaaaag	600
gacattcact	ttatgccctg	ctcaggactg	accggagcaa	atattaaaga	gcagtcagat	660
ttctgccctt	ggtacactgg	attaccattt	attccgtatt	tggataactt	gccaaacttc	720
aacagatcaa	ttgatggacc	aataagactg	ccaattgtgg	ataagtacaa	agatatgggc	780
actgtggtcc	tgggaaagct	ggaatccggg	tccattttta	aaggccagca	gctcgtgatg	840
atgccaaaca	agcacaatgt	agaagttctt	ggaatacttt	ctgatgatac	tgaaactgat	900
tttgtagccc	caggtgaaaa	cctcaaaatc	agactgaagg	gaattgaaga	agaagagatt	960
cttccaggat	tcatactttg	tgatcctagt	aacctctgcc	attctggacg	cacgtttgat	1020
gttcagatag	tgattattga	gcacaaatcc	atcatctgcc	cagggtataa	tgcggtgctg	1080
cacattcata	cttgtattga	ggaagttgag	ataacagcgt	taatctcctt	ggtagacaaa	1140
aatcaggag	aaaaaagtaa	gacacgaccc	cgcttcgtga	aacaagatca	agtatgcatt	1200
gctcgtttta	ggacagcagg	aaccatctgc	ctcgagacgt	tcaaagattt	tcctcagatg	1260
ggtcgtttta	ctttaagaga	tgagggttaag	accattgcaa	ttggaaaagt	tctgaaattg	1320
gtcccagaga	aggactaagc	aattttcttg	atgcctctgc	aagatactgt	gaggagaatt	1380
gacagcaaaa	gttcaccacc	tactcttatt	tactgcccc	tgattgactt	ttcttcatat	1440
tttggcaaa	agaaatttca	cagcaaaaat	tcattgtttt	tcagctttct	catgttgaga	1500
tctgttatgt	cactgatgaa	tttaccctca	agtttcttcc	ctctgtacca	ctctgcttcc	1560
ttggacaata	tcagtaatag	ctttgtaagt	gatgtggacg	taattgccta	cagtaatgaa	1620
aaattaatgt	actttaattt	ttcattttct	tttaggat	ttagaccac	ccttgttcca	1680
cgcaaacc	gagtgtgtcc	agtgtttgtg	tgtgtgttaa	aatgataact	aacatgtgaa	1740
taaaatactc	catttgaaac	tcttcggtta	tttgaaatgc	ttttgaataa	tgtttaaatg	1800
tcattatgta	atgctattca	attagcttta	ttactttctc	aaatagttga	atatgttcta	1860
tcacttaaaa	acttaaaaac	tcttcaccac	ttactgtttt	aagtgaggaa	tttacaacaa	1920
atgcataagt	gtgtattaaa	ggaataat	taattttgag	aaaaaacgt	atgttaaggc	1980

tcttccagtg gggctttgtt ttctctgtcc aagtccagtc aataaaggag ctcttctgct 2040
tcccacttg tgatttg 2057

<210> 3918
<211> 442
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(443)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(442)
<223> similar to gi3108057 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3918
atccttccca gaaaaattca ggcacagata tggaaccaag gactgttgag ataaacaggg 60
agctcagtg tgcccttgga atcagtattg ctggaggaag aggaagtccc ttaggagata 120
tccccgtatt tattgccatg attcaggcta gcggagtggc cgcacggaca cagaagctta 180
aagttggaga tcggattgtc agcattaacg ggcaaccttt ggatgggctg tctcacgcgg 240
atgtggttaa tctgctgaag aatgcctacg ggcgattat cctgcagggt gtagcagata 300
ccaatataag cgccatagca gctcagcttg aaaacatgtc tacaggctac caccttggtt 360
cgccactgct ttgacaccat ccanaagaca caaaggagca nctgcagatg acggccgatt 420
taaacgaggg atcagattta tc 442

<210> 3919
<211> 844
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(662)
<223> similar to gi2291232 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3919
tgcatgtgta gtcagtttgg ggcaacattc tttatcatct ctgcttcacg gttaacttct 60
aaatgggtag gtgaggggga gaaaatgggt cgtgcattgt ttgctgttgc aaggtgtcag 120

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caaccagctg tgatatttat tgacgaaatt gattccttgt tatctcaacg gggagatggt 180
gagcatgaat cttctagaag gataaaaaca gaatttttag ttcaattaga tggagcaaca 240
acatcttctg aagatcgtat cctagtgggtg ggagcaacaa atcggccaca agaaattgat 300
gaggctgccc ggagaagatt ggtgaaaagg ctttatattc ccctcccaga agcttcagcc 360
aggaaacaga tagtaattaa tctaattgtcc aaagagcagt gttgcctcag tgaagaagaa 420
attgaacaga ttgtacagca gtctgatgcg ttttcaggag cagacatgac acagctttgc 480
agggaggctt ctcttgggcc tattcgccagt ttacaaactg ctgacattgc taccataaca 540
ccggatcaag ttcgacccat agcttacatt gatatttgaat atgcttttat aactgtgcga 600
cctatagttt ctccaaaaga tttatagctt tatgaaaact ggaacaaaac tttatgttgt 660
ggaaagtaag tgggatactt gtaatcaagg catctctgta ttcagtcttc tttatTTTTT 720
agcatataaa gtttggggtgt gttaatatga tttttaagac tatcttctaa atactgtact 780
tgaccatata tcacagattt tacatctgat tgacatagtg tatgttaacg tacgttaggc 840
atcg 844

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<210> 3920
<211> 1018
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (104)...(153)
<223> similar to gi510184 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3920
atatttttca tataaatctc atatggtaca aaagtattac atgcttgggc ctgtcttgca 60
aaataagagg ttctttcagt tcttcaggcc aaccttcctt cagaggcaaa taaataagaa 120
acatgtagaa catattttaga aaatttttta ccataataaa aatatgtgaa catcttatat 180
ttagcatagt ttagcaatcc agtttatgtc gacaaattta gttcactgct gggaggcaca 240
tgtcacagaa gaaccttaata ggcagcagat attttaacct gtaggaacaa aatgtttaac 300
atTTTTcttg tattttttga agaagggtact ccatttgtac attcaagttt ggttggccct 360
tttttagtctt tttgttcagt attttaaaaca ctccattttt cttctttttg tactgccttt 420
gggcttcttc tctctcctgt tttctcctct cgaattcttg tttcttagca gcacgtttgg 480
cttgtatctg ttcatattct tcttgtgctt tttgatttga tgttttcttt ttatttttct 540
ttggaattgt aaaggagttt actgttttaa tacattgttc ttctggctga ggctgggtcaa 600
agctacactg atcttcaaat aaaggctcgt caatgctaca ctgttcttca agcaacggct 660
ggtgaacttg ttctgacaaa ggatgggtcga cttttcttgc ttgcttccta tgtctttcct 720
cttcagctaa atagagatgt ttcagattat ctgggtatcg atctgtgaat tgagattcca 780
gtgacgtttg agccttcttt tcttccgta gcaatttctt gtaactttgc tgtattttca 840
gttttcttcg aaaagcaaag ccttgccct cgcgaacgct cccacgaag gcttgcggt 900
ggttaggccg ccatgtcttc tgtctcacat tcttattcct gtaccgcaca gtggaaacct 960
cttcaccacg cgctcaata ccaccaggcc gccacttcgc ggaccgcctc accggcgc 1018

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<210> 3921
<211> 474

```

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(169)
 <223> similar to gi4579725 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3921

aagggttgtc	tggctgcctc	cttcaactgc	atcttcctgt	atactgggga	actgtatccc	60
acaatgatcc	ggtgagtggg	agcctaattg	gagaatgaca	gccttttcct	ggggaaagac	120
attcttctgt	gcacaggtca	gacccagag	ctaaatcaag	tacatcccag	cccaaaggcc	180
cctcccaaca	ctcatcattg	caaggcacat	agtagccact	gagtacacac	ctcatggcct	240
agctaacaca	ggtgttactg	tcctctaagc	ccttacggga	ccctagaaga	tctcaaaagt	300
agccaccaac	tggggcaggg	taaggaacca	agaagacaca	tctcagagac	aacaaatcga	360
agtcttcctt	taatctccaa	aacacaaatt	agaagctgcc	accacatcta	cattccatct	420
ataaaccaag	tgatatatct	gaaagcaaag	gccacaaaca	tgaaagcaat	ttcc	474

<210> 3922
 <211> 2263
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (34)...(719)
 <223> similar to gi5532389 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3922

aaagatgtta	aacaaagtga	atgtgggaca	tgctgctcgt	actgtgtggt	acagccctga	60
agggacatgg	tggctattgg	aatgaaaaat	ggagaattta	tcattttact	agtgagttct	120
ctaaaaatat	ggggaaagaa	gagagacagg	agatgtgcaa	tccatgatat	cagatttagt	180
ccggattccc	ggtatctggc	agtaggttct	agtgagaact	cagtggattt	ttatgacct	240
acgctgggcc	ccactcttaa	cagaatcagc	tactgcaaag	acattccaag	ctttgtcatt	300
caaattggact	tctctgcaga	tagcagttat	ctccaggtct	ctagtggctg	ctataaacgg	360
catgtctatg	aagtgccttc	aggaaaacat	cttatggatc	atgccgctat	tgacagaatt	420
acttgggcta	catggactag	tattctagga	gatgaggttt	tgggaatctg	gtccagacat	480
gctgagaaag	ctgatgtcaa	ctgtgcctgt	gtatctcatt	caggaatcag	tcttggtaca	540
ggagatgact	ttggcatggt	taagttat	gacttcccat	gtccagaaaa	atgtgcaaaa	600
cacaaaaggt	tcttgggtca	ttcgccccat	gtgacaaata	ttcgatttac	cagtgggtgat	660
cgacatgttg	ttagtgtctg	aggtgatgac	tgcagcttat	ttgtctggaa	atgtgtacat	720
acacctcact	gagagatgct	gagatgacta	cagaaattaa	ctttgagacc	agaattacag	780
agaagaaaaa	ccaaaaccca	accctgcatg	gtcaagtggg	gctaacccaa	gactgtaaca	840
gggagaaatg	cccagaatca	tcaaaatagt	gaaagactga	tctgttcaaa	atatttgcta	900
tatgcactgg	gtataatccg	taatccatac	actgccagat	aatgccattt	caaggaagga	960

tcgaataacttt	gatggtaaag	gccaagtccc	cctgtatttg	gaagtgtgtg	atttcggcag	1020
acctgctggg	aaaatttagg	gtagagcact	ctttacagaa	gaactcaaaa	acccaatttg	1080
gataattttt	attatctttt	tatcaaaatt	ttttcttaat	gtttatat	tattttcaag	1140
gttcattggt	taatgaaata	ttttattcct	gcatttccat	aaggaaagg	aaagtcatga	1200
tcatcctaaa	ggatcacagt	ttttaaaagg	caaacatttt	ccctaaggaa	acagacacaa	1260
gctttcctag	agaatatgat	gttttttagg	cattaataag	gtcctttttt	ataaaggaca	1320
cttttctcct	agtagttttg	aattcaggaa	cagatccaaa	gttagcagta	tatggctgct	1380
acatttccat	tttcattttt	gagccatcag	tttatgttca	gatgccatct	ctgtaatcgc	1440
acatttaaaa	cataactgta	gcctcactaa	tggaaaagta	gtatgatgaa	caatcattcc	1500
caatggtgta	caatgtaagg	gttttaggga	gcaacagtat	ttaactggaa	gaaagaattg	1560
catatttaata	gtagtctaata	atatacacat	ttgtttaaca	tgtaaacaaa	agtgttaaata	1620
tcacatatatac	aacattatac	aatttaatac	ctcttggaaat	aaaattttta	tagccttttt	1680
tctattggga	aaatttggtt	agatgtgtgc	cactccatag	gtttatttcc	aaaatgaatg	1740
agcccaactc	catttgtaaa	aacttgtcag	ttagaattcc	tttttttagt	ggattagggc	1800
tgaattctta	gatccttatt	tcttttctact	ttaaattgctg	ccaaagatca	ctactcatca	1860
ttcaggaatt	cgctgtctag	cctatctgta	gtttcctgaa	gattgaaaat	tatgtagact	1920
gctattttaa	aatataattt	tctaagtgtg	aggtttaaga	tgctgtattg	accctatgag	1980
tttttaaatgt	gttaattatc	tttatagcat	aatagatcgc	tttaggttcc	tggaatccca	2040
tttggtctga	caggatata	gaagattcct	aatacctatt	ttctgtgtct	aatacttggg	2100
taataactaaa	aatagaaatg	actaaattac	atcacagaaa	gcataaccag	tgattgaacc	2160
tggtagtttt	aaagctctaa	atagctgtgg	ctgaaggact	gattatgggg	ctaagaagct	2220
tgaaacgtaa	gttggtactt	gttcatcagt	ggattctcct	aaa		2263

<210> 3923
 <211> 581
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (582)...(367)
 <223> similar to gi4406672 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3923						
tttttttttt	ttttaataac	tgttcagcta	caaaatttta	ttggtatcct	tttatgttcc	60
ctctagagga	tgtaatgcac	aaaagcattg	ccacggaaca	tataaaatta	caaatagaat	120
ttattgtaaa	aagtagaatg	tcttctagac	tggtgtcagt	atttatgtca	ttcataaacc	180
aaaactgctg	tataatatat	tcattgtcag	caagttcatg	tgtgtaaaatt	gccatccaat	240
gttattgact	gatataagac	agatattgaa	aagacaattt	aaatttactc	ttccaaacat	300
aaactgttcc	acaaaagcac	tgtaaaaact	ccttcaagat	tttgggttgt	gcttgacatt	360
tatgggttaac	tacataattt	ggtcgtgtca	taatccattg	tgtttgga	tttggcatta	420
aacgcctgca	gagcagattg	gatcctcacc	ccctcactag	tagacagctt	gagtcctatga	480
cgaagcaagc	aagagaaaag	atctagacga	cgctgccag	gtggggagag	tttatctact	540
agagatcaga	gcccgtgtag	ttgcaaaagt	gctgaatcct	g		581

<210> 3924
 <211> 1275
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (322)...(640)
 <223> similar to gi2393890 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3924
 cccacgcgtc cgcctagtcc tgggggcagc ccgaggccta taccggctac accattcaga 60
 agcacctgaa ctccacggaa aaatcagaag ctcaaacttc ctggtaactc aaggctacca 120
 agtgaagatt tgggtacctg gctgagtttg gggctggcag ccttcagcac accaatggtg 180
 tcaatggcag gtgtgcatgg gacaagaaca tatgctgtca tgattgtgct acagtttctt 240
 taagaacacc agcttgacag atttgagttg aggaaaacac agacttccat gaggtttgga 300
 actacgagag aaaagacaga cagagtcaaa tctacagcat atctctcacc tcaggaactg 360
 gaagatgtat tttatcaata tgatgtaaag tctgaaatat acagcttttg aatcgtcctc 420
 tgggaaatcg ccactggaga tatcccgttt caaggctgta attctgagaa gatccgcaag 480
 ctggtggctg tgaagcggca gcaggagcca ctgggtgaag actgcccttc agagctgcgg 540
 gagatcattg atgagtgccg ggcccatgat ccctctgtgc ggccctctgt ggatgaaatc 600
 ttaaagaaac tctccacctt ttctaagtag tgtatcaaaa tctaaaccaa ggagtctctg 660
 gacaagaagc tgggagaggc acaaactgga catctctctc tctcatatcc ttcggcattg 720
 ggttatctat gggagcaagg agtgggcacg cttctctgtt acaaatagaa aacgattcca 780
 gtcatacagg acacatccca ctccaaatga tatttccaaa aacatacctc tgacagtaac 840
 tttgatagat ggtttgtcaa atgtatcttt ctgggtatcc acacctcttg gcaatgaaat 900
 ttgcagctcc tcccttccat aaatgaagtc tctttcccca ccatttgaat ctgggctggc 960
 actgtgactt gatttgatca atagaatgtg gaagaagtga ctgtatgcca gttccaagcc 1020
 taggtttcaa gaggccttat aaatgtctgt tggaaacctta ccagccatg gacatgttga 1080
 gtgagcatgc tggagaatga gagaccacat gaagcagaaa catgctttcc tagctgaagt 1140
 catactagcc caaccaacat ggcagctaac acatgaatga ggccaatcaa gaccagaaga 1200
 accactcaag cagatcccag cccaaattgc ccattccaca atcaggagct aaataaatta 1260
 ctgttgtctt aacac 1275

<210> 3925
 <211> 569
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (26)...(445)
 <223> similar to gill196425 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3925

```

atcgatgacc ctcgtccatg tgggtggaatt cgccctcccaa gaaaagagga gcatagctat 60
agcaaattgg aaagatgatg agtgggtgcc cgaaaggatc atacagtact ataggcctgc 120
cacatgggca caagacgact catagggata ccataccccc atctacatgc tcaactggat 180
catacggtta caggccatct tagaaataat cactagtga actggcagag ctttaactct 240
tttagccag caggaaaccc aaatgagaaa tgccatctat cagaatagat tggccttaga 300
ctatttgctg gcagctgaag gaggagtctg tgaaaaattc aacttgacca agtgctgtct 360
gcaaagagat gatcaaggac aagtagtcaa aaatatagtt agagacatga caaagctggc 420
acatgtaccc atgcagggtt ggcataggtt tgatcctgga tccctgtttg gaaaatggct 480
tccagctcta ggaggattta aaactcttat aataggaatg ataatggtgt aggaacctgc 540
atgttactcc cctgttgta cccatattt 569

```

```

<210> 3926
<211> 602
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (168)...(389)
<223> similar to gi4468307 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3926
agagaagtag gttccaggaa acaaaaaggt cagaggtgta cccagtgaag acaacagcag 60
gtgtgaaagc caagaaactg cagcgctcag ttcactcaag aaacaaagg gttcaatatg 120
gatggactgc agatctccag atggaagcgg ggcatggcca ggccagcatc ctatggctct 180
actttgagac gggtagctgg gtgtatcctg tgtttgccaa actcagcctc ttgggtctag 240
cagctttctt ctctctcagc tacgtcttca tcgccagcat ctacctactt ggagagaagc 300
tcaaccactg gaaatggggg gacatgaggg agccacggaa gaagaggaag taattgcaca 360
ccattttcca agaaccaaga aagaagaaaa cacaagagat ttttctcatc cttttttttt 420
tttcgggggg gggggggggg ggggggaaca taccaaagtg ggggggacaa aaagggatcc 480
ttaattttta aaaaaggttg gggaaggagc cttaacttga aaactctggg ttttttgaag 540
ggtggactgc ccatgccaaa aacaactcct ggtattttaa aattaattat ctttgacctt 600
gg 602

```

```

<210> 3927
<211> 1672
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (537)...(1072)
<223> similar to gi5834580 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3927
tttcgtgggt cagaagggag gtggtcgccc tccgtcgtgg tctggcgtgt attccgagcc 60
ttggtgtctg gcggtttccg agcgttgggtg tctggcgggtt tccgagcgtt ggtgtcttgg 120
cggtttccga ccgttgggtg ctggcgggtt ccgaccgttg gtgtctggca cgcgccaccc 180
tctcttgctt tggttgcgcc atgccgatgt accaggtaaa gccctatcac cgggtctgcg 240
cccctctccg tgtggagccc acctgcatgt actggctccc caacatgcac ggaggagcg 300
gcggcccagc acttggcact ggccacttgc agacaagaag acaagaaaat gatttgagga 360
cagcttcaat cgcggtgtga agaagaaagc agcaaaacga cactgaaaa caacgccggt 420
ggcaaaatat ccaaagaaag ggtcccaagc ggtacatcgt catagccgga aacagtcaga 480
gccaccagcc aatgatcttt tcaatgctgc gaaagctgcc aaaagtgaca tgcagggatg 540
tccttcctga gatccgtgct atctgcattg aggaattgg gtgttgatg caaagctaca 600
gcacgtcttt cctcaccgac agctatttaa aatatattgg ttggactctg catgataagc 660
accgagaagt ccgctgaag tgcgtgaagg ctctgaaagg gctgtacggt aaccgggacc 720
tgaccgcacg cctggagctc ttcactggcc gcttcaagga ctggatgggt tccatgatcg 780
tgacagaga gtacagtgtg gcagtggagg ccgtcagatt actgatactt atccttaaga 840
acatggaagg ggtgctgatg gacgtggact gtgagagcgt ctacccatt gtgtaggcct 900
ctaattgagg cctggcctct gctgtgggtg aatttctgta ctggaaactt ttctaccctg 960
agtgcgagat aagaacgatg ggtggaagag agcaacgcca gagcccaggc gccagagga 1020
ctttcttcca gcttctgctg tccttctttg tggagagcaa gtctcatttt gtcaccagg 1080
gtggaggcag tgggcagttc tcggctcacc gaaacctttg cctcccgggc tcaggcaatt 1140
ttcatgtctc agcctcccga gtagctggga ttgagggtgc accccccac acctggctga 1200
tttatgtatt tttttcgtaa aaacgggggtt ttcccggtgt ggccgggctg gtctcgagct 1260
cctgacctcg ggtgatccgc ccgcctcggc ctcccaaagt gctgggctta caggcgtgag 1320
ccaccaaccc cagcccactt gtaggtccta tgcacaacag ccagacttct ctctgtgtat 1380
gtcacctcgc tctccacaaa gaaggacagc agaagctgga agaaagtcct ctgggcgcct 1440
gggctctggc gttgctctct tccaccatc attcttatct cgcactcagg gtagaagagt 1500
ctgggtggaat ggacacgagg aaagggtca gcacaacagg aaacaaggag gtgtaacgac 1560
aacagagggg gagagtgccc caaggagatg ataaaggaaa aggaggtgag agctaaggaa 1620
agccccaagg agatgcgaaa agaaaggaga caccagggag actttcacag ag 1672

```

```

<210> 3928
<211> 2288
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (36)...(1400)
<223> similar to gi4895145 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3928
cagtggcgggt ccgagatgaa tgctactggc gccacgtctt ctgggaccag gacctctgga 60
tgctcctttt tattttgatg tgccaccag aaaccgccag ggccaggctg gagtaccgca 120
tccgcacgct ggacggggcc ctggagaacg ccagaacct gggctaccag ggagccaagt 180
ttgcctggga gagtgcagac tccggcctag aggtttgcc tgaggacatt tacggagtcc 240
aggaggtcca cgtcaacggg gccgtggggt tggccttcga gctgtactac cataccaccc 300

```



```

aggacctgca gctatttcga gaggctggtg gctggggacgt ggtcagggct gtggccgagt 360
tttgggtgag tcgtgttgag tggagcccca gggaggaaaa gtaccacctg aggggagtca 420
tgtcccccga cgagtaccac tcaggggtca acaactctgt gtacaccaac gtcctggtcc 480
agaacagcct gcgctttgct gctgccctgg ccagggacct gggctttccc atccccagcc 540
agtggctggc ggtggctgac aagatcaagg taccctttga cgtggagcag aacttccacc 600
cggagttcga tgggtatgag cctggagagg tggtaagca ggcagacgtc gtgctcctgg 660
gatacccagt ccccttctcc ctgagtcctg atgttcgcag gaaaaatctg gagatttacg 720
aggctgtgac gtccccccag ggccccgcca tgacctggag catgtttgct gtgggctgga 780
tggagctgaa ggacgcagtg cgggcccggg gcctcctgga caggagcttt gccaacatgg 840
ctgaaccctt caaggtgtgg acggagaatg cagacgggtc aggcgctgtg aacttcctga 900
caggcatggg gggcttcctg caggcggtgg tcttcgggtg cacggggttc agggtcaccc 960
gagcgggtgt gacctttgac cctgtgtgtc tctcgggat ctccagagtg agcgtctccg 1020
gcatcttcta ccagggaac aagctcaact tctctttttc cgaggactcc gtgacctggg 1080
aggtcacagc tcgagcaggg ccctgggctc ctacactgga ggctgagctg tggccatccc 1140
agtcccggtc ctccctgttg ccaggacaca aggtctcctt tccccgctcg gctggccgga 1200
tacaaatgtc acccccgaag ctgcttgga gttccagctc cgagttccct gggaggactt 1260
tttcagatgt tagggaccgg ctccagagcc ccctctgggt caccctgggt tcctccagcc 1320
ccaccgagtc actcactgtg gacctgcct ctgaataatc aggaacgggg gcttcagaga 1380
cgtctcttgg gccttccctc tggccacgtc tgaccccacc cctcctgggc accctcctag 1440
cctgccatcc ctacactgca gccaggctct cagggaaggt ccatgctgct tggcctgagt 1500
tcaaggcttt ctgcctgtag cctggactcc cgtggacccc cgtgggcagg tggcttcccc 1560
gtggcatctc cacaccgcct ctgcctgccc ctgtggactg atgctatcgc gcaccgtccc 1620
acgacccac cccgagctcc tgaagccggg gtctgagcct gcatcacctc tggcctctca 1680
tccccactc tcctgagagc agtggtcaca gcggccggcc gctctgctga gaaggcagag 1740
aggcaggctc aggcctcagc gtggacagca gggataaggg gcacgaagga cggggactcg 1800
gcccttcag aattcctcag gactctcagg tgcagctttg ccaaaaagga acttttcatg 1860
tcatgcagtt gaggggactt agtctcaatc ccaggctcct cttgactctg ggcagcttta 1920
atcaggttgg gcagcctctg ctacagcgtg gagtgggatg gctctcttcc ctgagccacg 1980
ccgcttctga ggacagaggt gggggagtgg gaagtgggaa gtcaccagag aacaggagag 2040
ggatttgagg gcgcgacccc agcgtctctc acggaccagc cagagggact ggagccaggt 2100
gtgcatgggt tcaaggccct ggccctgccc agcctctgtc ttgggagctc agccccaggg 2160
ttcggtcgtc agcagtttcc caagaacaag atgtgatggc atctgctgct gaaaccctga 2220
tgaggaccag gccccctgca ccgctgtcag cctgaggaat taaagctttg gtgctgggaa 2280
aaaaaaaa

```

```

<210> 3929
<211> 551
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (552)...(106)
<223> similar to gi3171904 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3929
tttttttttt ttcattgtttc cactagaaac ttttactact tgattatctt aaaaagtcac 60
gttgtagcat caccatcc tgtttaaaac agcactcagg ccgtttatgt agctgatctt 120
ggattagccc ttgttgaca gggatgattt accactggat tccttggaat ccgctttcga 180

```


ggtgaaaccc cgtttcctgc ctaaaaatac aa

1832

<210> 3931
<211> 353
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(24)
<223> similar to gil4465 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3931
ggcacgagag agaggccagc ggatgttgta aacatcctga accaaataga atggcctgtg 60
cagaaaacta tatatccggg gtactgaacc aggtatgtgg gtcgcatgaa aaaaccccc 120
ctagcgacag atgcaccca tgctggacag aatgcttggt gaacaggcga ccatgctttt 180
cagctctgga agcctaggag acatactttc ccaaagagtt taatggtgaa tcactcacct 240
ttcatgcaga tatgtgccca ctttctgaca aggagagact aattgggata cacactggac 300
ttggtgaggt cgtgaaacac aggcccaatg caacgcaaga ccagctgtga gct 353

<210> 3932
<211> 1453
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1455)...(404)
<223> similar to gi498721 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3932
tttaagttga gaactttcac cttttcattt aaaaggaagc actttgtggc ttctctttgg 60
catatccgaa tcaccagcat catcactact cctgctctct ggggccactg ttaagcaaag 120
tgaggactgc ttggtcacag gcaactgtgaa tgctgggata gttgatctga tcaccaagac 180
ggctactaag tcactagcag ggtgggtggc gtatacagcg tggatgtgct ggaccaaggg 240
atgactcaca tccccggccg gctggagccg gacagcgaga gatttcatca cgctactcag 300
aagggcacac catttgagac ttaaaattct ttatttctgg aattttccat ttaatatattt 360
tgaactgcag ttgactgcag gtaacaaact gtggaaagcg aaaccataga tacgagcggg 420
ctactgcgtt caaaaggctc ttcaactggt gtggatcctc tgatgttctc ggagatgggt 480
taggtggtta catgccttcc cgcactcctt acattcgtag gatttcgccc cactgtgcgt 540
tttctgatgt tgtgtaagct gatggccgtg actaaagctc ttccacatt ctgtacaccc 600

ataggggtttc	accccggtat	gaattctctc	atgtttcacg	aggctcgatc	cataaatgaa	660
agccttccca	cactccttac	atttatacgg	ggtttcgcct	gtgtggattc	tctcgtgctg	720
agtgaaggta	tagccacaat	tgaaggcctt	cccacattct	gtgcacttgt	acggcttctc	780
gcccgtatgt	atcctctcgt	gcttaacgag	gctcgaaccc	cagcgaaagg	ccttcccaca	840
ctccttacat	tcgtagaggct	tctcacgggt	gtggatcttc	tgatgctgag	taaggtaatt	900
gactcgagta	aaggccttcc	cacattcttg	acattcatag	ggtttctcac	ctgtgtgaat	960
tcttttatgc	tgaatgaggc	ttgaaccaca	aataaaagcc	ttcccacagt	ctttacactc	1020
gtaaggcttc	tccccactat	gaattctctt	gtgctgaata	agtttataca	cacggctaaa	1080
ggtcttccca	cagtctttgc	attcgtagtc	tttctcccca	gtgtggaatc	tctgggtgctg	1140
agtgaagctca	tcaccacgcc	gaaaggcctt	tccacagtct	ttacattcat	agggtttttc	1200
accagtatga	atcctcttat	gaataacgag	gcttgagccc	catcgaaaag	ccttcccaca	1260
gtctttacat	tcgtagggct	tctccccagt	atgaattttt	tgatgttgag	taagctgatt	1320
gccccaacgg	aaggccttct	tacattcttt	acattcataa	ggtttctcac	cagtatggat	1380
tttctgatgg	tgactaagtt	gatagccacg	actaaaggcc	ttcccacagt	ccttacattc	1440
aaaggaattc	tcc					1453

<210> 3933
 <211> 1255
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1247)...(745)
 <223> similar to gi5912096 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3933						
tttgggtttac	agaactttta	tttggattct	ttccttgtct	gttaataata	taggctgcac	60
ctgggcatca	togtgccctt	cctttttgat	tctgctgttt	tgcttttaat	cctacaggca	120
tttcttctgg	caggagcctt	gtacacactc	tgggtgggtc	atgaccacca	cggacttgcc	180
ctttcaaggc	agaagcctgt	gattcaaaaa	cttccattcc	ttccaatcga	ctattataaa	240
actcattttg	tctagtgcc	atactccttt	accttaggat	cctgggcca	ctgtcactaa	300
agaaaacaaa	ccatttcctc	ctcctggggg	aatgtgcttc	tttcaagaag	gtgcttagag	360
aatagacatt	ctaggtgaca	gcagttatga	aagagggtgc	tctaataaac	ctaacacttc	420
ttccaacata	ctccagggtc	accctccttt	gaagacagaa	agtactacaa	cttcagttgc	480
caccctagtc	aggttcatag	gatttactca	gtagggttaag	agatgggtgc	gagaatgaag	540
tccagagttt	gagtcctaca	gtggcatttg	cttctccttt	gggacttctg	tggcagggtg	600
tggaaacaaa	tcagattggg	tgcatatctg	tttctcttcc	acctccttca	aataaaagcg	660
agaacctctt	gggagaattt	aagcaccatt	agcagacaca	tcttagagca	gttaatgaaa	720
tgttttgtat	ttcagtagaa	aactatttca	atggtgaaaa	tgatgcagga	atcagaagca	780
tattctgctg	agatactagg	tagttgacac	tttcccaaac	tggaaaaaca	tttcatagaa	840
aggcatatag	agttactgac	tgaacacat	ttgtttctaaa	aataattcat	gcctagtcaa	900
acagcttacc	agctgccaca	actctgggat	cctcatggga	cttatgtctc	ccagctgcac	960
gactatctgc	actctcattc	caccaaagaa	catgaactct	gttgagtgc	ccgtactctg	1020
tgtggaacac	tccaactagt	tttgtgtagc	ctagattgac	atgagcatga	actgcccttt	1080
taaatgcac	acccacaga	gctggccac	caggtttcat	ctgaaaagtg	gccagttcat	1140
agactcctgg	aatagggaga	aaaagaattt	ttcagaaaac	attcaagcaa	tatccaatca	1200
cgtttctcag	tgaatagtct	ttcactatct	acacacacag	atttgaggga	tcaga	1255

<210> 3934
 <211> 1131
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (715)...(408)
 <223> similar to gi4689128 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3934
 gtttccctca tgattttatt gtctcctggg gaccctgctt tgggcggtct ggatgtctgc 60
 cttgggccta gtttgaggcg cccogaaggt ggagccatct tgggtctcgt atttgctctt 120
 ccctgcccc caagagggaa gccagagcta gcggggccag cactgctcag gaggcaaggt 180
 ggcctacctg tcgcacaccc ggaggaggaa atcattgacc aggctctcgt gccggctgca 240
 gatgcttctc ttggaaggca ctcttgagcc agtcctcaat gctgcacacc tgcacgcggc 300
 tggagtgcc gcatatggag aggctgcgga gtgccgggcc caggaggaag ttgtccttct 360
 ggagttcagt gagggaaacgg aagtgcagca gggaccagag tgcgggggtcc tcaaacacgt 420
 cgtggagctg ggagcaggtc ctggcaaggc tcttcctgct gtccttgtct aggaaggaga 480
 agaggtgcag caggcactcc cggttgagct gggttatgtg catggtgagc agtggccaca 540
 tgtcacttca tcctggccca ggtactgcag ctccaaatcg tggggattct gtaagagctt 600
 gctacctgtt gactgaggag gccacagagt tgagaagaac tagcaagagt ggtacaaaac 660
 tgcaggtcat tgggctggcc accagggtatt cccaccacc agaagctggc tgttgctactc 720
 acccggaacc atggtgcacc accacagcgg cgaggtcata caggcagctc tccgggccac 780
 tgttctcagg ctacagaaca aggaagaagg agcagtggtc aatgacatca gtatctcgat 840
 gacctctacc ctctccatgt gatgacaatc ttactgaaga gccatttttt caccatgcta 900
 aaaaggccag ttgggtccag cagctttgcc tctctaccct tttatcacca aagtatactg 960
 ctgagaaaga atcaaatgaa aagaaaaaag actcaacaag acctcactca tattaactgg 1020
 actctacaag cagtgagcat ccagacctgc atttggttac aaaagaagcc ttcaagctat 1080
 tttcatcagc ttctaataca agttaaaaaa taaaccacaa aactgagaaa a 1131

<210> 3935
 <211> 1382
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (219)...(1235)
 <223> similar to gi4405795 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3935
cggacgcgtg ggcaaattaa tgacacaatt cgaatgatag atgcgtatac tcatcttgaa    60
actttctata atgaagagaa agataagaag tttgcagtca tagaagatga tagtgatgag    120
ggtggtgatg atgagtattg tgatggtgat gaacatgagg atgattttta gaaacctttg    180
aaactggatg aaacagatac gattttctcat gactttatgt tttgaaaaca ataaaatagt    240
tgaataggct ggctgaacac ccctaatatg aaaatgaaaa gctgaccaa ttaagaaata    300
ccataatgga gcaatatact aggactgagg aatcagcacg aggaataatc tttacaaaaa    360
cacgacagag tgcataatgcg ctttcccagt ggattactga aaatgaaaaa tttgctgaag    420
taggagtcaa agcccacccat ctgattggag ctggacacag cagtgaagttc aaacccatga    480
cacagaatga acaaaaagaa gtcattagta aatttcgcac tggaaaaata aatctgctta    540
tcgctaccac agtggcagaa gaaggtcttg atattaaaga atgtaacatt gttatccgtt    600
atggtctcgt caccaatgaa atagccatgg tccaggcccg tggtcgagcc agagctgatg    660
agagcaccta cgtcctggtt gctcacagtg gttcaggagt tatcgaacat gagacagtta    720
atgattttccg agagaagatg atgtataaag ctatacattg tgttcaaaat atgaaaccag    780
aggagtatgc tcataagatt ttggaattac agatgcaaag tataatggaa aagaaaatga    840
aaaccaagag aaatattgcc aagcattaca agaataaccc atcactaata actttccttt    900
gcaaaaactg cagtgtgcta gcctgttctg gggaagatat ccatgtaatt gagaaaatgc    960
atcacgtcaa tatgacccca gaattcaagg aactttacat tgtaagagaa aacaaaacac   1020
tgcaaaagaa gtgtgccgac tatcaataaa atggtgaaat catctgcaa tgtggccagg   1080
cttggggaac aatgatggtg cacaaggct tagatttgcc ttgtctcaa ataaggaatt   1140
ttgtagtggt tttcaaaaat aattcaacaa agaaacaata caaaaagtgg gtagaattac   1200
ctatcacatt tcccaatctt gactattcag aatgctgttt atttagtgat gaggattagc   1260
acttgattga agattctttt aaaatactat cagttaaaca ttaatatga ttatgattaa   1320
tgtattccat aatgctacag aactgacata agaatcaata aaatgattgt tttactctga   1380
aa

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<210> 3936
<211> 1093
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (258)...(388)
<223> similar to gi3327172 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3936
cttgggactt actggccttc caaaaattaa agaggagaac tgataatact gattattcat    60
taattggagg aaggaaacatt agtattgaaa tgccgttaac attttaaaaa ataataatta   120
ttatcatagc cttgccctga aacctgatt attgttagag agttatttcc acgaagtgtt   180
tgtcagtttg ttggacattt gagacccag gaaatcccct ttctcgtaac gatctccgct   240
tggatctgat ctcaacaggg tgtcgtagtc attcttcagc acaattctta attggagacc   300
aagaaccctg ggcctttaga ggtggtctag caggagagtt ccaggatatca atatgaattc   360
acaactgaat tgacattttc tttgttttat gacaaacctt atgttgcgca tcatatggct   420
ggaaggattg gtctgccgaa ggcttttcta gcccaaattc aatttagtta catagctgga   480
tttttaaatc aaattttcct cctctttcac agtaatttct gaaggagatg ctgccaatcc   540
ccccgcgcc tgcaagcgc agcggctcta ggtatacact tcacattgtt tctttgcagg   600
tcgcacagca ttttaattctg cgcccgcaat gcacaatgcg cgcattgctt tctgccagt   660
gaagctccat gaacaaaaga tagtaattat gccaataaat ggtgaaagag cttttggata   720

```

tttatccaat	tattttataa	atataatgtg	cttgaaagaa	ttgtccattg	ctgaaaatat	780
gaacaaaata	ggaagttttt	ttgctgctgg	aatttgttca	tggactttct	aggtgctcta	840
cttttctccc	ccaacaggt	gctctgctgc	gcacagcaaa	ctgaagcgca	ttgctttggg	900
gataaagcgt	ctcctggaca	gataaccctc	ttcagaccaa	acctctcctc	ctgacattct	960
gttctgccat	cttatcgtag	ggagatggtc	tatctaagat	aggttttaaa	aaaaaataga	1020
tttgttcata	aattgggaat	aaggttttgt	tttttgtttt	tgtttttggt	tttactgtaa	1080
atttaaatcc	cca					1093

<210> 3937
 <211> 2542
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (91)...(758)
 <223> similar to gi4138207 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3937						
cttagataac	agagtttagat	ccaggtgtgt	cctggtgtcc	ttctaggctg	agccccctaag	60
acttggtgtg	aatgggtttgc	tgtcttctct	catacttaat	tttctctttt	gttttcatag	120
ataaatatca	ttcagggaat	tgtggcagaa	atcaacacca	agactggtga	atctgaatgc	180
cgctattata	aagagcggct	tctttacttg	gaagaaggcc	agaaagactc	cctgatcgac	240
agctctcgag	tcttgtgttg	tcatggtgaa	ctgaagaaca	atcggggcgt	gaaactgcat	300
gttttctctt	tccaagaagt	gcttgtgata	actcgagccg	tcaccacaaa	tgagcagctt	360
tgtaccagc	tgtaccgtca	gccaatcccc	gtgaaagacc	tctgtctgga	agacctccag	420
gatggagaag	tgaggtctgg	tggctccctg	cgaggggcat	tcagcaacaa	tgagagaatt	480
aaaaacttct	tcagagtcag	tttcaaaaat	ggatcccaaa	gtcagaccca	ctcgctacaa	540
gccaatgaca	ctttcaacaa	acagcagtg	cttaactgta	ttcgtcaagc	caaagaaaca	600
gttttgtgtg	ctgccgggca	agctgggggtg	cttgactccg	agggatcggt	cctaaatccc	660
accaccggga	gcagagagct	acagggagaa	acaaaacttg	agcagatgga	ccaatcggac	720
agtgaagtcag	actgtagtat	ggacacgagt	gaggtcagcc	tcgactgtga	gcgcatggaa	780
cagacagact	cttcctgtgg	gaacagcagg	catggtgaaa	gtaacgtctg	acagaagcat	840
gtgcacttcg	ggaagcaggc	ctgcatctta	cctgtacagt	atttgcatte	cacagatgga	900
acggtttgga	gaagcacttt	ttcatacttt	tgtgaaagta	tacatgtttg	cccagttctt	960
cgtatctgta	cctttgtccc	tagtactgta	actgccaatc	tgtctgtgta	agctggaatc	1020
tgtggcaact	attaccctgt	gttgtatttc	ccaagtgtct	ggatggatgg	agagggtactc	1080
aaacaagtta	ctttcagttg	tctgtctgga	ttttaaaaaa	atagaaaaag	aattctcaaaa	1140
ctactgtttt	acatagattg	tttgaagagt	ccttctctct	gtgcttctgt	accactttcc	1200
cagctcttag	atgtggtagc	taaaggcacg	gaatttagac	ggccttgtaa	atagggcatg	1260
aggaactcat	ctgtgtattg	ggatggtatt	agagagagaa	tcaggaaaaga	ccaactcatg	1320
aagtgaactt	ggtttgatct	tactcaacta	gaaagcttga	aaacatccct	ggggattctg	1380
aaggcttaat	tttgcaaagg	aggatgcatt	gtctgaactt	tgcaacttca	tccagtgcaa	1440
gtttgatgca	agaatgtatt	aggacataaa	atagaggctg	accttaaaaag	ggccaggaca	1500
gaagcggctg	ccagctctga	atcttttaact	gaaatgcaca	tggcaccagg	aggtgtctct	1560
catagttggt	tgctagccta	aaacatcaga	atagaacca	aagggttag	gaaggcctgc	1620
caggataaca	agaaggccct	gtattcattg	tgtttcatct	gcctaggcct	actcattatt	1680
ttagagaatg	aatgaagcaa	caaggaagag	agaccatgac	tctatcgatg	acactgttta	1740
tagaaacaca	ggagaggaag	aatttggaa	gaaaagcact	tcgtcagaac	cttctgtggg	1800

gggaaaaaac	aggaatttta	tctggttatt	gcatctggtg	atagaggcct	tcaaagccta	1200
ttattttctaa	cctaagtaaa	ggccccagtg	aaaaacatac	tggggaaata	aaacctctga	1260
gaaaagggttc	aagcaccttt	tccaaattta	aatcttgcct	taaattctct	ctaccacact	1320
gcctttgaca	ctcttggaag	tccatgtagt	tctctacaga	cagacttcaa	agaaacgtta	1380
ccttatcaaa	gactaatctg	tgccacctct	gattcagtg	tttatgtctt	tcactttccc	1440
tgggaaggag	taaaagtctt	ttctacagct	ctgggactat	tacatttaaat	tctgctcttg	1500
atagtcaaaag	accatggaca	acaactgtca	tctgaaggac	tcttctagaa	gccagagact	1560
ggtgtttgat	ggatgtttta	tactaaataa	aacccatcag	catgggggta	tgtagaaaag	1620
caattttattc	catttttaagc	acttacacag	ttagtcatgg	agagtaacag	gcctgctggt	1680
gaaacagggtc	acccaaaatg	gagatgggca	tcaaactagt	gggtccaggg	acctaactcc	1740
taaaaaaaaa	aaagcaactc	ttatcaagga	ttaatttaat	ttttaaaaca	aatacaagtt	1800
attgattcac	tcttctcaac	ttgacagtct	acctggtggt	attaactgtc	agggtaaaaa	1860
catacatctt	tttttttttna	aaccanactg	tgggtgggtg	cccaagttaa	aaaaaaaa	1918

<210> 3939
 <211> 1846
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (9)...(751)
 <223> similar to gi257452 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3939						
ggcacgagcc	ccagccaggg	ctgtggctga	agaggctctg	ggtgctcttg	gaggtggctg	60
tgcattgtgt	cgtgggtaaa	gtgcttctga	tattgtttcc	agacagagtc	aagcggaaaca	120
tcttgcccat	gggcgagaag	acgggtatga	ccaggaaacc	ccatttcagc	cacgacaact	180
ggataccaac	ctttttcagc	acccagtatt	tctggttcgt	cttgaagggtc	cgttggcagc	240
gactagagga	cacgactgag	ctaggggggtc	tggccccaaa	ctgcccgggtg	gtccgcctct	300
caggacagag	gtgcaacatt	tgggagttaa	tgaaggtaa	taggccactg	gtgctgaatt	360
ttggaagttg	tacctgacct	tcattttatgt	tcaaatttga	ccagttcaag	aggcttattg	420
aagactttag	ttccatagca	gattttcttg	tcattttacat	tgaagaagca	catgcatcag	480
atggctgggc	ttttaagaac	aacatggaca	tcagaaatca	ccagaacctt	caggatcgcc	540
tgcaggcagc	ccatctactg	ctggccagga	gcccccagtg	ccctgtgggtg	gtggacacca	600
tgcagaacca	gagcagccag	ctctacgcag	cactgcctga	gaggctctac	ataatccagg	660
agggcaggat	cctctacaag	ggtaaatctg	gcccttggaa	ctacaacca	gaggaagttc	720
gtgctgttct	ggaaaagctc	cacagttaat	ctggacagat	acctcaattc	taggtgacca	780
acgggagggc	ttctcaaggc	ttagctctcc	ctgagacca	gctggctttt	accttgacc	840
tgtgtcccta	gctgaatcac	tagctcagat	ttttctgac	taagcaaaca	actcccagct	900
gaggaatgca	ggccacagca	cccaatcaag	acaaattgtt	attatcagaa	aatgaagcaa	960
cacttgagct	gttcaggcca	gttccctgtt	gaagaaacag	ttccctgttg	aagaaagtag	1020
agcctgacac	tgtctccact	ttggagacca	cattccctgc	acacggctctt	tgagagagca	1080
gttgacacact	acaggcacac	ttctgaggta	cggtatctct	ctccagccac	tctgatacca	1140
agtaattcaa	gctggcattc	cttctattag	ggaaattcat	tttacccaat	ttgcatttat	1200
ggaattgatc	atttaagaca	ctaaattagt	ttttagaacc	aattatggga	agaattccag	1260
ttgttaggaa	gagatgagga	gttgggaagag	gagggattag	aaacaggagg	aggcagtcac	1320
cctctccttg	ccaaaagatt	taaacctgtc	cacattggtg	ggtgatgatg	ggtgagtttc	1380
catggttaaca	catccctaata	tttaccaggg	aagaggagag	tactcacttt	accatctttg	1440

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aatatatttc atagaaatct agctctctgt accctgaaat cttccactag cctcactttt 1500
caacagagtc atctagaagg gaggggttggc ttcccaaaag cataaccttg accaaaccaa 1560
acaataggca ccagcaatgc tgtcattcag ttatgcagaa gctcatttgt gaaattctgt 1620
ttctctgatt tcttcgcaag tctcttaatg gtcatattgtg ttagattaca tcaaactgat 1680
ggatagccat tggatttcat ctatttttaac tctgtgtctt tacatatattg tttatgatgg 1740
ccacagccta aagtacacac ggctgtgact tgattcaaaa gaaaatgtta taagatgcag 1800
taaactaata acagaattat taaaatatat caggctaaaa aaaaaa 1846

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<210> 3940
<211> 1762
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(708)
<223> similar to gil890281 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3940
ggaagcaatt gactgttaca caaaaggcat ggatgccgat ccatataatc ccgtgttgcc 60
aacgaacaga gcgtcagcat attttagact gaaaaaattt gctgttgctg agtctgattg 120
taatttagca gttgccttga atagaagcta tacaaaggct tattccagac gaggtgctgc 180
tcgattcgct ttgcaaaaat ttaagaggc caaaaagat tatgaaagag tattagaact 240
agaaccaaatt aactttgaag caacaaatga actcaggaaa atcagtcagg ctttagcatc 300
caaagaaaac tcatatccaa aggaagctga catagtgtt aagtcaacag aaggagagcg 360
aaagcaaatt gaagcacac agaataagca gcaggccatt tcagagaaag atcgggggaa 420
tggatttttc aaagagggga aatatgaaag agcaattgaa tgctatactc gagggatagc 480
agcagatggt gctaattgcc ttcttccagc taacagagct atggcctatc tgaagattca 540
gaaatatgaa gaagctgaaa aagactgcac acaagccatt ttattagatg gctcatattc 600
taaagctttt gccagaagag gaactgcaag aacatttttg ggaaagctaa atgaggcaaa 660
acaagatttt gaaactgttt tacttctgga acctggaaat aagcaagcag taactgaact 720
ctccaaaatt aaaaaggaat taattgagaa aggacactgg gatgatgtct ttcttgattc 780
cacacaaaga caaatgtgg taaaacccat tgataatcca ccgcatcctg gatcaactaa 840
accactcaag aaggttatta ttgaagaaac tggtaatttg atacagacta ttgatgtgcc 900
agatagcact actgctgctg ctccagagaa taatcctatt aatctagcaa atgtaatagc 960
agccacaggc accacaagta agaagaattc aagccaagat gacctttttc ccacaagtga 1020
tactccaaga gcaaaagtat tgaaaataga agaagtcagt gatacttcat ccctgcaacc 1080
tcaagccagt ttgaagcagg atgtatgtca gtcttacagc gagaaaatgc ccatagagat 1140
agaacaaaaa cctgctcagt ttgccacaac tgttcttctt ccaattcctg caaactcggt 1200
ccagctcgaa tctgatttca gacaattgaa aagttctcca gatatgttgt atcagtattt 1260
aaagcaaatt gaaccatctt tgtatcctaa gttgtttcag aaaaatctgg atccagatgt 1320
attcaaccag atcgttaaaa ttctgcatga cttttacatt gagaaagaaa agccattact 1380
catctttgaa atcttacaaa gactttctga actaaaaagg tttgatattg cagtgatgtt 1440
tatgtcagaa acagagaaaa agattgcacg tgcattattt aatcacatag acaagtcagg 1500
attgaaggat agttctgtcg aagaactcaa gaaaagatac ggtgggttgat ttccattttt 1560
gctgaaataa ttgtttttga ctttcatatg taaatttttt tctactgaaa gtgttttgct 1620
ttttaagaaa atgaaattat atagcaggaa aggactatct ttgaacataa gttaattaac 1680
tataaggtga attgtgattt aactagttag aattgaattc cacgtgaact ctgtttttct 1740
gaaaataata atccccaatg ag 1762

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<210> 3941
 <211> 1428
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1431)...(1137)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

DOT-plot: 2.38460

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<400> 3941
tttttttttt ttttttttta ccggtggagc tgtttaagcc aaggagttgt ggagatctct    60
gtgatgatcc aaaatctgga ctaatataaa atcaactctg atgctaatta aatctgactt    120
ataacttgct tgctaaaaga aattataaca ggaaactttg gtgactggta aggaatgttg    180
aaaagggaaa atcagaagga aaaacctggt tcataagaag gaaggaaata ttggtccaag    240
cacgtcaagg gctctaagta aaaaccgatg gcactacaat tccacataat ccattacatt    300
tggaaaaaga agtccttggt agacacaggg cctctttggg atattgttct ttgttctgat    360
tctgtgctca ccaggaaaca aatttcatct ccgtaggggg cccgtccttc agtaggaatg    420
gccctgctcc taggttcttg gctcacttgc caagactaca atagcactcg cgtttatcag    480
ttatgcttgt gtgaagctgg ttattgcaat tcattgttct caaaatactt tcatgaaaag    540
cctgacctga gaaaaagcct tctctgtaat catattaatt agaacataaa tgtctacttt    600
gccataatta tacaagagc ccaaatgggc aattaactcc agttgggtgc ttctctctga    660
gccttacttg ccagctctta ttaccgcatt ccagagagag tcaacctgga tggagtttgt    720
cccctaaata aatgtagcga taaagaaaag ggtgctccaa atcagtttca tcagaatgat    780
aaggtagagt actgcagcca tgtctgcaat agcacttcaa ttttactttt ttttcccta    840
gcatgtcctt aagcattttc tccccagctt ttcacaatct ttcttctaag gctgtaatgt    900
cttacatcct taatagcat gattagattt ctcccaaatt ttccaaatta actttctttc    960
aatgtaacca aaacaaaacc atggcataca gtaaactaaa agggtagaca ggagagaaaag   1020
gttgctgcaa gtacagaaaa tttagaaatc agcctttacc agttacatct gagacaaggt   1080
aaactttcca acacattgga atcatcagaa gggctttaaa aaatacaact gccagccggg   1140
catggtggct catacctgta atcctagcac tttggggaggc caaggcgggc agattgcctg   1200
agctcaggag tttgagacca gcctgggcaa cacagtgaac ccctgtctct actaaaaaat   1260
acaaaaaatt agctgggcgc ggcagtgtgt gcctgtagtt ccagctactc gggaggctga   1320
ggcaggagaa ttgctttaac cccggaggca aaggtttcaa ttaacccaaa ttgggccctt   1380
gcactccagc ctgggggaag gagttagatt ccgtttccaa aaaaaaaaa   1428
  
```

<210> 3942
 <211> 983
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(267)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3942

cgtcagtggc	gtgatctcgg	ttcactgcaa	gctccgcgctc	cgggggttcac	gccattctcc	60
tgcctcagcc	tcccgggtgg	ctgggactac	aggcaccac	caccacgccc	ggctagtttt	120
tgggtgtttt	agtagagacg	gggtttcact	gtgttagcca	ggatggtctc	gatctcctga	180
cctcatgac	cgcccacctt	ggcctcccaa	agtgtctgga	ttacaggcat	gagccaccgt	240
gcccagccgc	gtgtggtttt	caattgttac	cagcaatcat	gacctttcat	ggactccaca	300
gcattagaag	aacaacgttt	atggccttca	agaactttca	gggtgaagct	atttctctag	360
gatcagcttt	tcatgtggca	gtagccttgg	gcctgtcaca	gccctgtatc	ttatcttctc	420
accaaccctg	gttttagttt	caacagacag	aaatttgagc	cagaagaaat	ggatgtcact	480
acacagttca	cccctgacat	ctgtgatagt	gtatgttatc	actgacatgt	tctcattcaa	540
actatgttat	aagagcaagg	agaaagaagt	aagaaaaatt	tgctatcatg	tagaaaattc	600
tggggaacct	caaataactc	actttatatt	tagcaggagt	ttatgcttca	gagatcatct	660
gtccctgcaa	tagacatttt	atcatggtaa	gggtgtggtc	agcaatagaa	aactatgatc	720
tcagcagaag	tccctctacc	accccatagc	ttagtaattt	tcttaccac	agctagctga	780
ggtagtgtgc	atcccagacg	ctccgcaatt	ggggaaaggt	cttttagctt	gttttgctgt	840
tttctccctt	cttcacttac	aattctttct	ttcaaccact	ggtagcactg	gggaaaagca	900
taacattgaa	atgttaatgt	ctggtaaaga	tctgatgtca	aagaatggta	attcaataaa	960
atatgtgaac	ctcaaaaaaa	aaa				983

<210> 3943

<211> 3603

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1794)

<223> similar to gi202864 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3943

ttatgagaat	ggtgaagaaa	ttgtccattg	cgaattagct	gcctataggc	gaaactctgg	60
gctgctggaa	tgtgatttgt	tcagataaaa	ctggaacact	gacgaagaat	gaaatgactg	120
ttactcacat	atttacttca	gatggtctgc	atgctgaggt	tactggagtt	ggctataatc	180
aatttgggga	agtgatttgt	gatgggtgatg	ttgttcatgg	attctataac	ccagctgtta	240
gcagaattgt	tgaggcgggc	tgtgtgtgca	atgatgctgt	aattagaaac	aatactctaa	300
tggggaagcc	aacagaaggg	gccttaattg	ctcttgcaat	gaagatgggt	cttgatggac	360
ttcaacaaga	ctacatcaga	aaagctgaat	acccttttag	ctctgagcaa	aagtggatgg	420
ctgttaagtg	tgtacaccga	acacagcagg	acagaccaga	gatttgtttt	atgaaaggtg	480
cttacgaaca	agtaattaag	tactgtacta	cataccagag	caaagggcag	accttgacac	540
ttactcagca	gcagagagat	gtgtaccaac	aagagaaggc	acgcatgggc	tcagcgggac	600
tcagagttct	tgctttggct	tctggtcctg	aactgggaca	gctgacattt	cttggtctgg	660
tgggaatcat	tgatccacct	agaactgggtg	tgaagaagc	tgttacaaca	ctcattgcct	720
caggagtatc	aataaaaaatg	attactggag	attcacagga	gactgcagtt	gcaatcgcca	780

gtcgctctggg	attgtattcc	aaaacttccc	agtcagtcctc	aggagaagaa	atagatgcaa	840
tg gatgttca	gcagctttca	caaatagtac	caaaggttgc	agtattttac	agagctagcc	900
caaggcacaa	gatgaaaatt	attaagtcgc	tacagaagaa	cggttcagtt	gtagccatga	960
caggagatgg	agtaaattgat	gcagttgtctc	tgaaggctgc	agacattgga	gttgcatgg	1020
gccagactgg	tacagatggt	tgcaaagagg	cagcagacat	gacccatgtg	gatgatgatt	1080
ttcaaaccat	aatgtctgca	atcgaagagg	gtaaagggat	ttataataac	attaaaaatt	1140
tcgttagatt	ccagctgagc	acgagtatag	cagcattaac	tttaattctca	ttggctacat	1200
taatgaactt	tcctaattcct	ctcaatgcc	tgcagatttt	gtggatcaat	attattatgg	1260
atggaccccc	agctcagagc	cttgagtag	aaccagtgg	taaagatgtc	attcgtaaac	1320
ctcctcgcaa	ctggaagac	agcattttga	ctaaaaactt	gatacttaa	atacttgttt	1380
catcaataat	cattgtttgt	gggactttgt	ttgtcttctg	gcgtgagcta	cgagacaatg	1440
tgattacacc	tcgagacaca	acaatgacct	tcacatgctt	tgtgtttttt	gacatgttca	1500
atgcactaag	ttccagatcc	cagaccaagt	ctgtgtttga	gattggactc	tg cagtaata	1560
gaatgttttg	ctatgcagtt	cttggaatcca	tcattgggaca	attactagtt	atttactttc	1620
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tggtctcac	ctcatcagtg	tgcatagtgg	cagaaattat	aaagaagggt	gaaaggagca	1740
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gttcaagagg	atatgaagat	ttgagaactt	tttaactatt	cattgactaa	aaatgaacat	1920
taatgttaaa	gacttaagac	tttaacctgc	tggcagtcctc	aatgaaatt	atgcaacttt	1980
gatatcatat	tctttagatt	aaattggctt	ttgtgattga	gtgaaacttt	ataaagcata	2040
tggtcagtta	tttaatttaa	aaggcaaaac	ctgaaccacc	ttctgcactt	aaagaagtct	2100
aacagtacaa	atacactatc	tatcttagat	agatatattt	ttttttattt	ttaaattattg	2160
tactattttat	ggtggtgggg	ctttcttact	aatacacaaa	taaatttaac	ctattcaag	2220
gcattctatt	tggttttagaa	gttgattccc	aggagtgcc	tatttcagct	actgtatttc	2280
ctttttcttg	taatgtaagc	agctcagata	ccatgtgcta	tcatttttgt	atcaagtttt	2340
ttgcacagga	tgtgaccact	gtcagatcac	tgttcttttc	tttctttttg	tgattgaaaa	2400
gcctatacta	caatttgaag	taaatttttg	ttttcttag	taagtgtaaa	tggttgcttt	2460
atttttat	taaaaaggta	tgtctttgg	ttggcagaat	tcatgcagg	ctatcaagt	2520
gtgttctagg	gtaacagtg	ccataattaa	cgcttagtca	tagagtcaaa	aacatttaag	2580
actgattggg	ttgaagtta	taataaatta	tattaacatg	tcttctttt	tgaggtaaa	2640
atatatactt	tgtcaaata	cattttgtca	tcttctaaat	ataaatccaa	atacctcagc	2700
taagtaattc	tattttatta	tttttactgt	tatgtatgtt	tttaatcata	tttcttagga	2760
agtataggct	actggactta	gaataaaaag	tcccaaacc	caaacaaatg	gtttatgaac	2820
cagagtatat	gtggaagatt	ctttgctgg	cttgctctgt	gtgcatctga	agcttctttg	2880
gcctagattt	tagcacaaac	ctgagtatat	ctcttctact	ttcatcatgt	gttctgtacc	2940
ttctttttgt	ttcattgggc	atgctaggga	aatagggtga	ttttgtgtgt	aatgccatca	3000
gtttttatga	aagcttgatg	aggatatagg	catttgtttt	gagtatgtgg	gccagaaatt	3060
taaaattaga	aatttgtttt	tctgttgagt	atataaacaa	aaattgggtc	caattctaac	3120
aggttaaatc	cttcttgaag	ccaataagtt	ttatctttta	taatctgtca	ggatgaacca	3180
ctccttagct	tttatccaat	attaaactgc	aagtgttagc	actgaaatat	tgctattgat	3240
agggaaaact	tctattcttt	gagtcattgt	tactgaggca	gttgagtgt	aggagctggc	3300
tgcagtttat	tctactttaac	cctttaagc	tgaattgtca	aatgtacatt	gttccatgtc	3360
gttagatgga	acatggaagc	cattgtctaa	tcaactctat	cattagtga	ttgattgtc	3420
ataccttaat	tttgtaatga	tttttattct	gtttacaaa	gacttgaaat	acgtattaaa	3480
tgacgttaa	tggtttgctt	tgcattttag	gttcacctta	tgacttgatt	gaaataaatg	3540
tgctataca	ttcatttgct	ttgtactata	aaaataaaaa	tgatttctta	agttaaaaaa	3600
aaa						3603

```
<210> 3944
<211> 2901
<212> DNA
<213> Homo sapiens
```

<220>
 <221> misc_feature
 <222> (2842)...(1711)
 <223> similar to gi3881075 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3944

acaggcatac	agcagaatcc	agacagagta	tatagtagcg	aaaaagatgg	gagaatatga	60
agaacaaagt	ctattttaac	attaattatg	gctataataa	cccttatgag	gaaatactgg	120
tgagcaggat	aaagtgatat	tgaaaagaaa	aaaaggaaaa	ctcctcaaaa	cacaataaag	180
catattctaa	cagggtttttg	aaaaagttgc	aagcctttta	attcattgac	ctcttttgac	240
tgattggaat	ttttaccatt	ctgtacactc	tgaattataa	ctaaacaact	acatgttact	300
gacaaatttg	tgattctttg	agtctaaaca	acacagaaac	tagaagatcc	ctttcctaga	360
tttatatact	tgattttctt	ataaaaaata	cttcagttat	tatgtcaata	tttatctgaa	420
aaaggcagcc	ctctgacagt	aaactagtaa	ctggaataac	tacagtatca	ttataagcta	480
caataaaaca	acctgtaaag	taatttttcc	tatttgaata	ataaatagac	tggacaggag	540
tgaaaaacca	aaactatgaa	agaaaaaccc	aatgtaaata	aaggatacag	gtcaaaacaa	600
agttcagaag	gcaaatatgt	aaatattaga	tgcctcaaaa	atcaactatc	agtgggaaaa	660
tttctatgaa	agcaatttca	gaaaatacat	gaacacatat	atctttaaaa	tatagaactc	720
taaatacttg	ataacatatt	taggatactc	tacaatgccc	agttaattgc	tataattttt	780
ttccctcagg	ttttcctgga	tgatacagca	aactacagaa	tttgtgcact	tactgttgct	840
caaatttggt	tacttactgt	gtgcacatat	actgctgcac	tgtttctcgg	ctgtgaaaaa	900
ttaaaagcat	tttttcaacc	tttgagaagg	aaagaaaaca	atgaagaatc	tcctcataat	960
aatacagcat	aacagggttt	gtttactgtg	ccacatcatg	ggtgttttta	aaacgaaata	1020
taaatatatg	gttagggata	gcatttttag	gagaacaagt	gaccaaaaac	taagttacct	1080
cttttcaggt	cagccaaaaa	acgtgaaggg	aaagtggact	ttatacaact	tagacattta	1140
tgtagatagc	acagcagact	catgttcaag	ccagccacct	gaaacattat	aagtccgtcg	1200
agggggacag	caatctatgg	tccatggact	gaatccagcc	tacttttgta	tggctctgag	1260
ctaagaatcg	ttttaatatt	ttttaagggt	tgttaaaagc	aaataacaaa	gaatacatga	1320
tgactctatt	cttgttctca	tgtgtgaacc	atatattata	gcctgcaaag	tctaaaatat	1380
ttataaaccg	gccctttaca	gaaaaagttt	gcagaccctt	cttttacacc	agtgtcttag	1440
ataattctgg	cagtacaact	gcaagtctaa	gataatgttc	attcattccc	atcataaatg	1500
taacattcta	aataggtgtc	ttctgatgtc	atctgtcaga	atttctttta	aactttttct	1560
tcattctcaa	cattatcaaa	gttcacacct	attcctcttg	ccttgatttc	ggagagtttc	1620
caatttttca	cttattaagg	cagcgattgc	ttttgcatct	ctggatttta	tctgctcttc	1680
ttgaaaattt	ctctttgctc	tttcgtagaa	ataaaactta	acagttggat	aggccctgat	1740
cccagctttc	tggcatgtct	gagcataagc	ctgacagtct	acttttccag	ctttcacttt	1800
tcctttaate	atcctagcca	agagctcaaa	ttctggagca	aaattctggc	aaggctccaca	1860
ccaaggagca	tagaaatcaa	tcacccaatg	atttttccct	tgtagaactt	tttactgaa	1920
agtctgaggt	gttagatctg	tgataacttg	aggtaaaaaat	cctagacccc	agattctcag	1980
ggaataagca	tccctattcc	aaccattgta	actgtgatac	tgataagctt	tatttgattt	2040
tgggggaaaa	aatcttatct	cagggtatct	ttgaacgttt	tcctgggcac	aaaaagaatg	2100
atactgttgg	caatctatac	tgcccacgtt	gatcagtcga	gttaatgtcc	gggccattct	2160
tttccattct	ggcatthaaga	cttggcaagg	atgacaccac	ggagaataga	aatcaaccat	2220
ccagacttcg	ttgtgttttc	tttgtgtaac	tagttcgttg	aagggtggtg	gtgtaaggga	2280
gaccactgaa	ggattcataa	gatcctctat	gaactccaag	atttgttcag	cagagtgatg	2340
tccttcatac	tcatgaatgt	tggactggtt	gaataccact	gttggttgat	aagcctgaat	2400
gttatacatg	ttacagagtc	cctcatgaac	tgtacaatct	agtgtaccaa	acttaagctg	2460
accataaaga	agatttgatg	ctcttcgtaa	ctctggtagt	aaagctcgac	atgggtggaca	2520
ccagggggca	aagaaatcaa	caagccatgg	ttctttgtca	ttggcaggaa	aattttgagg	2580
tccaagcgtg	gtaacatgag	aattcacact	ttctttggca	aaggcaagta	tatcatatag	2640
aatcttcttt	ccatgatgaa	tttcatattc	tttggttcct	tgtcctttta	atactgctag	2700
agacggctga	aaaacataca	gattactaca	gatgtctggt	gcagaggaac	agtcaaacct	2760

```

gccaacctaa aggagaaaaa ggtcaaattt gataaaaaaca ctgtcttacc catttgattt 2820
gtaaatattc atgataatcc aaaaatggca ctgccctaat gacacagttt ttaaacagaa 2880
gctaataggc tacgaaaata a                                     2901

```

```

<210> 3945
<211> 930
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (346)...(64)
<223> similar to gil065459 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3945
ggacgtgctg ccgagtagtc ccggtatagc gaagcagcga tggcggagag tccgactgag 60
gaggcggcaa cggcggggcg cggggcggcg ggccccgggg cgagcagcgt tgctggtggt 120
gttggcgtta gcggcagcgg cggcgggttc gggccgcctt tcctgccgga tgtgtgggcg 180
gcggcggcgg cagcggggcg ggccgggggc ccggggagcg gcctggctac gctgcccggg 240
ctccccccct cagccgctgt ccacgggggc gcgctgctta tccactgaga cccacgctc 300
agctccgact gggacggcga gcgcaccgcg ccgagtgctc tactccggat caagcgggat 360
atcatgtcca ttataagga gcctcctcca ggaatgttcg ttgtacctga tactgttgac 420
atgactaaga ttcatgcatt gatcacaggc ccatttgaca ctcttatga aggggggttc 480
ttctgttcg tgtttcggcg tccgcccgcac tatcccatcc acccacctcg ggtcaaactg 540
atgacaacgg gcaataacac agtgaggggtt aacccccact tctacegcaa tgggaaagtc 600
tgcttgagta ttctagggtg agaggagact tttaagtagc caagtgggtt gttagcagat 660
aattactcta ggtcagcctt tatcaaccgg agtccctcat ctgaactaca gaacacagaa 720
aatgattgag tgactcttct caaatctcct caggatggta tgtgactagt atcattctag 780
atgcagaggg gagaagttaa ttattacag tggtaacctt tgagaagtgg ttctcttaag 840
agtgtggccc tgagcatctg ggaacttgta gccgagcagt ttctgggggc ctatcttaga 900
cctacaaaag aaactcatgg ggttggggcc                                     930

```

```

<210> 3946
<211> 2722
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2723)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2722)...(1575)

```


<210> 3947
 <211> 1037
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (987)...(415)
 <223> similar to gi579930 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3947
 caaaaaaaaa tattaacttg ccagcccccg gcccttaaat ttgatcccct taaacggccc 60
 cccctttttt ttttttttg ccgtttccac acctgccctt tattggcttc ttctagcaga 120
 gtggctccag gcccttcacg cctctcagac accacccatg agggtttagg aagggtgcat 180
 cattctgtga aggccagag cttacccaag tcttgagacc caagttgaat caccaaccag 240
 agggttggga gagggaaagg aaacaggcag aggggaaagg caaggctctg cagtgaaggg 300
 gactgatatc aagggaatgc tgagggtccag cagtgtctcc tgaaggcatg ctgcatccta 360
 aggtcctca ggactggatg gagtaggaga tctgtgtgtt gagcagttca catctatatg 420
 gcaactttaa ggaggcgctt gatgtcaggc tcaatgttga tggttgggaa ggtgcggctg 480
 tagcgtcgga agggctctcc ctccggccct atgaggaact tctcaaagtt ccaggccaca 540
 tctgagcggc gcacagggtt ccaaattgat agcttgggat cggtcattgag ggaaaatggg 600
 tcatcataag ggtaggggag cttgtccttc aggtaggcga agacaggatg ctcgttctgc 660
 ccattcacct cacatttttg gacaagggtg aagggtgggt ggtatccacc cccaggacgg 720
 acatacttga gactgttcag gatctcctca ttctgacagt tctcctgatg tccaaattgg 780
 ttgcaaggga agccaaggac caccaggcgc ctgggaaagc ggcatgacag ctcgttgagc 840
 tgggtgaagt cccgggtggt tgtgcctcag agcgaagcca cattctcaat cagcacggcc 900
 ctgccccgga acgtattgaa atctaccttc tccccatcca ggctgatggc actgaggtca 960
 tagaaggact tggcaatgaa agccatgggtg aagcgcagag tgagccccgc agagaggcct 1020
 gagccactt atgagcg 1037

<210> 3948
 <211> 406
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (39)...(217)
 <223> similar to gil90372 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3948
gctgcgagaa gacgacagaa ggggattatg gtgtggagga agaggaggag gaagaataag    60
gtgatggtga ggaataggat ggagatgaag atgaggaagc tgagtcagct acgggcaagc    120
gggcacctga agatgatgag gatgacgatg tcgataccaa gaagcacaag accgacgagg    180
atgactagac agcaaaaaaag gaaaagttaa actnnnnnnn nnnngggcggc cgggacctat    240
tcaccttcca cttccggggt aaaaatctaa actgggtcac cttcaagaaa agaggccccgc    300
ccgcccaccg gggccagagc cccccgaaaa agaccgcgcg ttttcacccc ccaccctaaa    360
ccatgagaat ttgcaacagg ggaggaaaga agagcccaaa cttccg                    406

```

```

<210> 3949
<211> 567
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (49)...(424)
<223> similar to gil89498 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3949
gaccgcactg gaaattccgg gccgacgtct gcgagaagac gacagaaggg catgcccagc    60
agcctggccc accgcatcgc tgcccagacc ctgctgggga cggccaagat gctgctgcac    120
gagggccaac acccagccca gctgcgctca gacgtgtgca ccccgggtgg caccaccatc    180
tatggactcc acgccctgga gcagggcggg ctgcgagcag ccaccatgag cgccgtggag    240
gctgccacct gccgggcca aaggctcagc agaaagtagg ctgggctctg gccatccttt    300
cctgcctctg tgcccctgcc tctccctgtg tcccctcccc tgaggactgc ggctccctcc    360
ctcctgcatg agggctcctt actgctcctt cccccttgc acagggaaat gcagggggca    420
ggacttggga ggttccagca ggcgggggag ccccgaccag tggggacact cctccctccc    480
cagtgcagcag aagggcaccg tgggtggtggc tctgcccctt gctgcagtga gcccaccttg    540
ctgcaacatt gggtctgagg ggcccaa                    567

```

```

<210> 3950
<211> 1653
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (12)...(426)
<223> similar to gi5104682 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	3950						
gcggccgcgcg	cctccgctct	gagccccgcc	ccgctcggcc	gccgattgct	cgggcctggc		60
cgccagcgcc	aggggccgat	ggccgagcgc	gtcgactcg	cgtccctgcg	ccgtgcctgc		120
ctcgcgctcc	ctgttacggc	gttcgtcccc	gggcctggcg	cccgcgtccg	gcccggctcc		180
gcggcggcct	ggtccgatgg	ctcctcagcg	gagggccgca	accaaggcgc	ccgagggcaa		240
cggagcggcc	gagcgccgga	accggagcag	caccaagaag	gaccgagccc	cgcgggaggt		300
gcagaggctg	tggcagaggc	cgtggctaag	gaccgcgggc	ctgggggctg	gcttttgtgt		360
caccgcactc	ctgctctgga	gcagcttggg	ggccgacgac	ggggtcgag	aggtcctggc		420
ccgccgtggc	gaggtcgtgg	cagggagatt	catcgagggt	ccctgctctg	aggactacga		480
cagtaccgc	aggttcgaag	gctgcactcc	ccgaaagtgc	ggcagagggt	tcaccgatgt		540
cgtcatcacc	agggaggaag	cggagcggat	tcgcagcgta	gctgaaaagg	ggctctccct		600
gggaggatct	gacgggaagg	catccattct	ggacttgcac	tcagggggccc	tgtctgtcgg		660
gaagcacttt	gtgaacctgt	acagatactt	cgggataaaa	atacagaaca	tcttctcaga		720
ggaggacttc	cggttataacc	gggagggtgcg	gcagaaggtc	cagctcacca	ttgtctgaggc		780
ttttggcatc	agcgcatacct	cgtctcatct	gaccaagccc	accttcttct	ccgcataaaa		840
cagcacggaa	gcgcggacgg	cgcacgacga	gtactggcat	gcgcacgtgg	acaagggtgac		900
ctacggctcc	ttcgactaca	cctcgtctgt	gtacctctcc	aactacctgg	aggacttcgg		960
cggagggcgg	ttcatgttca	tggaggaggg	tgccaacaag	acggtggagc	cgagagctgg		1020
atgtttttgt	ttccggatga	tgtcttgttg	gttccaagaa	gttaatggac	cgagagccag		1080
tgaagctgct	ggtgcgaagg	ctggagtcag	gtgtcctccg	gggactcacc	accgctccga		1140
gaggggagag	acacatgcga	ttctggaagc	tgagagcatt	gcttattgtt	gattccttgg		1200
ttgccgtgct	gagtcctgct	ttaaggaagc	aggtcgcgct	tccttcttca	cctcggggtc		1260
cgagaaccta	caccgcgtgg	agaaggteca	ctggggcacc	cgttacgcca	ttaccatcgc		1320
cttcagctgc	aaccccgacc	atggcatcga	ggaccacgcg	ttcccgtagc	cagcagccgg		1380
gccaaagtaa	cttcaggagg	gcccgtgtgg	aggcagccgc	gccagtcgtg	caccaccccc		1440
cacgtccacc	cgctcctgtt	gcacagatgg	ccttaggaat	tctctgattt	tgatttgtctg		1500
acgtgttaat	cttttcatct	gtgagtaaat	gaagggaacc	agcttttcac	ttctccagca		1560
tcatgtgtgc	ttgggctgta	ggcctgggag	cctgagggtg	aggccaggaa	agggacccag		1620
caggacgggg	cacaagtccc	catctgtgaa	tgg				1653

```
<210> 3951
<211> 748
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (749)...(547)
<223> similar to gi607947 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	3951						
tttttttgat	ttataaacat	ttttaatgac	tgtgttaaaa	aaccatcata	caaaaagaaa		60
agaaagtgtg	tttcaactta	aaaaaaatcc	ttatataatg	taccactcat	ctgggatatg		120
cttctggggag	ggggacactc	cctgcttggg	ctgcagcaga	aggcagtggg	gagaaagtct		180
taaagtcttg	ggagtcaggc	tagccccctc	tgcaggtgtc	ctcattgcc	cttcttggtc		240
cctgggggtca	agggttaaag	gtgccaaaag	accactgat	cgaacctgag	actgttgaga		300
tgtcctgttc	ccaacagaga	gtatctgaac	tccagaaact	tccctctcag	gcctccactc		360
ccccctcctt	tgtactgtgc	atcctactct	gacttcctgt	gctggggcag	atcaaagtga		420


```

<210> 3953
<211> 1790
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1791)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1759)...(1283)
<223> similar to gi3650031 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3953
ttttggtatc tgcacacaaa tgtggtgcat gacagtaact gatgatgtag acacatgggc      60
cctttgggag ctgatatttt tttcaaccct gctctgcctg ttggctagta gacacacgag      120
tcaaattcttt ctacctaaag gcatagttgg gttcttgga taagtacac ataggagaag      180
tcggatctga gctcttttgt cacacaagtg ctaacgaaca gaaaatgagc cacgacagtt      240
aaacactgaa tggatcgcaa tgtgcttttc ccttggtttc ccataaaaac gaaaatgaaa      300
caccttgtgc aaaaaaata gatacgcttt tactggttgg tttaatgaga gagaaccact      360
tttggccatt atcaccttac gttactacaa atcctgaaag gaaagcagct ttgagtcttg      420
ggctcggtcg aacccccctgc atggaccggg gctaacagta cctctatga ctcccacagg      480
tctctctttg tgtccagatg gatggcgact gtgagtcagc aacgccagcc aagacttcct      540
cgcttttacc gtggcattgg ggcagttttt caggctctct acggagagag aagtgggcca      600
gtaagggaga gggctagaga gaggacacca gtttacatag ggttgacttt cacttgtgtg      660
tagtagcagt tcagaattta aaagaaattt ccttgcagaa agaattgtct cctcttggcc      720
cctcttaatt ttttatgttt ttattttatt ttaatctttg gcagcataga actgattgtg      780
gtcctccgat gcatttctgg tgcgagaaac ttcctttctc aacctcccct tccccatag      840
ccatccccac aagctgtccc atcaaggaat atttcagggtg taaactgaat atgccacgag      900
gcctcctctt catgaagtgc ttggttggcc tacgtatggg tggcaggctg gacacagctg      960
aatcgtcttt ctgggtcacc ctgtaaccca agtccccctt cccgttctct cccaacgcta     1020
cttatccgca ggaattggat gccggtggtc cccctgatg gttcctggcc taggggctgt     1080
catggcagag ggaagccacc aaggtgccat tgaggattgg tgtctggtc tctatgggca     1140
agagcgccag gggacacaca gtgggaccgg aaccttcag aatgtctct cagtcagggt     1200
ttcaaggggg agggaatgcg gagacaggag aaaaaaagt ctgagggcca aagctggtgc     1260
aggggtgacg tgcgtctggg taaggcaaat gagaggcagt gaggtgatct cagaatggcg     1320
ttgaggcggt cagattaggc cgggctggct cacacgagg tcccgggctt ggctttttcc     1380
tgcccgtagc actggacatc agctagtctt ggatagagg aggaatccag gaaacagcta     1440
tcattgtagc tcccagctct ccagggttag atgtggtggg ggctgcttgg gggggtggct     1500
ccaatttcac ttgacggtgt cgagcttctc tggtcttgag gtaaggcagc tgacgtggcc     1560
ttgcacatct ggggcatact ggtgaccctg ctgtgcgcca cgaagggtgt ctgggaggag     1620
gtgctgtact gcgagccgct gtccgaggag gtggagctgg tgtgcgacag gcggctgtgc     1680
tccttgtgcg aggcggtgga acgctggtac cactggcgca gctcgtctga gacggcggct     1740
cgtgccgaat tcctgcagcg ctggtcaatg cngtcaatn cncggtccct     1790

```

2025

2025

2025

2025

tagtcccagt	gttcggttgg	agataaattt	attccaacaa	tcctcagggtc	tgtggatgtc	540
tagagtgtaa	atctggtgag	tcagatgggc	tcctacagca	cccagggcag	cgtagtaggg	600
agcagtctgt	ccactgttca	caccactag	gctcagtgcc	cccagcattg	caacactgaa	660
gccgctgagc	cacggcttgg	tattttctcc	gaaccgcaga	gccgttgact	taagaccaat	720
caaaacatca	tctcttttgt	cctgatgggc	ataaatagtg	tcatatatta	gtgtccacat	780
aactccagaa	aaataaagag	gcaggcaaac	agatggatca	caggaaccct	tgatagcaga	840
ccatccaagt	aacgctcccc	aattaaatgt	caagcccaag	gctagttgag	gccagtatga	900
aattcttttc	attagtgggt	aggtgatgac	aagaagtaag	gatcctgctc	ccagagctat	960
actgtagttg						970

<210> 3956
 <211> 896
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (319)...(349)
 <223> similar to gi3874290 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3956	
actcagccaa	aaaaaaataa
ggccccatta	agtgaagtta
gtgggagata	aaccaatgtg
gagccttcaa	aggtggggag
tatactattt	gggtgagggt
taataaaaagt	gacataaatc
cagaagctga	attctagatg
atctcaaaat	ttaacaatag
cgtcttttta	aatatccaag
gattagtgg	tactcatcca
atgaggtttt	ctgtaggatg
ttctgcacaa	tctcttttagt
gacacaatcc	actttccacc
ttatgaccag	tgtatgtttt
ttgtccaaag	ttgcagtgag
tgaaatctta	tcttttgcaa
atgatacaga	aagtccaaaa
taccacctgg	acgtggagag
tggggtgaga	gatggggaaa
atactaagcc	cagatttcac
cataaaaaatt	acaaaaagtt
actatctcat	tttgtaaattg
acaattttta	aaataccaaa
aacttggtctc	tactacttga
gagatcacia	catctgtatg
caaattgtaaa	ccaggttatc
aaattggcaa	atatgcaata
cctctgctat	aatcccatag
cctcaaatgg	atatggtctc
ggacctggga	
tcctccataa	120
tagaccacta	180
gggtacaatg	240
tatatccctg	300
gattggtagt	360
tagtgtatga	420
taaaagaaac	480
ttttcaaagg	540
tgctgatgcg	600
gccttgtaat	660
ctcggaacca	720
tttctcattc	780
tttaagagtg	840
atgggg	896

<210> 3957
 <211> 1121
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (489)...(782)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3957

tcgggtgcag	accaccagat	cacacagtgg	gaccttggca	agtggagcgg	gaccctgagg	60
cgggcgacgt	ggaggccgac	cccggactgg	ccgacctccc	gcagcagctg	ctgttcgtgc	120
accagggcga	gaccgagctg	aaggagctgc	actggcacc	gcagtgccca	gggctcctgg	180
tcagcacggc	gctgtcaggc	ttcaccatct	tccgcaccat	cagcgtctga	ggcgtccac	240
tggctctgat	cttgcttcct	gcttggaac	tgaagtcgaa	ttgggctccc	ctggaagggg	300
ttcattcagg	tctgttgact	gagactggcc	ggcctgtggg	ctgccgtgat	ggattctgtt	360
tgacgtattg	ttctctagaa	ggcctggctc	tgatccagtg	acccctctca	ccaaagaact	420
cggtttaacc	agggctctgt	aagaccactc	ccaccagag	acttgtgtgg	cctgggtgtg	480
cctgtgtgtc	ggattccttc	ctgtcagctg	tgacctttt	gacctgtgtc	cccagaaccc	540
agttttttgt	ttgtttgttt	gagacggagt	cttgggtctgt	cgcccaggct	ggagtgcagt	600
agcacgatct	tggctcactg	caacctccgc	ctcctgggtt	aaagtgattc	tctcagctca	660
gtctcccagg	tagctgggat	tacaggcatg	tgccaccaca	ccccgttaat	ttttgtattt	720
ttagtagaga	cgggggtttca	ccatgtttggc	caggctggtc	tcaaattctt	gatctcaagt	780
gatctgtccg	ccccggcctc	ccagagtgtc	gggttgggat	tacaggcgtg	agccaccgcg	840
tccggctcag	gacccagttt	tggctgctgg	ttcccagcag	gggactcggg	ggatatacag	900
tggtgtcacc	aaattggagg	tgtgggttcc	tccaacacaa	tttgcttctg	cccgttgtct	960
tcttgccagc	tgggtttggc	caggatttct	ccgtgtgggg	gctacatgcg	accctctccc	1020
ctcctccctg	acttttagagg	ctgggtgctgt	gtcgggagga	aggtcagggc	tcctgagcag	1080
caataaagga	ccaggaagag	gcctgaggtg	taaaaaaaaa	a		1121

<210> 3958

<211> 1245

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (285)...(561)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3958

caagcagtgt	aaattaaaaa	actacattga	gatacatcat	agtgaatatg	caaaacatca	60
ataataaaaa	gaaaaacctt	aaaggcagct	ttaacagtat	actgaatgac	caatatactc	120
agcagccaca	gaacctctat	tctttttaaag	catccatggg	acattttatag	aaattgacta	180
tgacttgga	tataagcata	tgcaataaaa	tttcaaata	ctgaaacat	atgagtatat	240
tcttttgcca	caacacaatt	aggctagaaa	tgaacaacaa	aaagataaca	ggaaaatctc	300
tatatatcag	aaattaagag	atgcacttat	ttattttttg	ttttttggga	gggagtctca	360
ctctatcacc	cgtgcagtgg	cacgatcttg	gctcactgca	acctctgcct	cttgggttca	420
agtgattctc	ctgtatcagc	ctcccaagga	gctaggatta	caggcgtgtg	ccaccatacc	480
cagctaattt	ttgtattttt	attagagatg	ggatttcacc	atgttggcca	tgctggtctc	540
aaactcctga	cctcaaata	tctgccagcc	tcagcctccc	aaaatgctgg	gattacagat	600
gaagagatac	acttctaagt	aatctatatg	tcaagtaaga	caaatgaaa	ttagaaaata	660

tttttaagtc	aatgatatta	aaccatacta	cacatcaaaa	cttgtgggat	gcacttaaag	720
cagcatgtag	agggagatta	tattcataaa	tgcttatggt	agaaaagaag	gaagtctgta	780
cattatgtag	ctatgcaccc	atctaaagaa	gtaggaaaa	tgacatcaag	tagaacatca	840
aaagaaagaa	ggaaaggata	acttaaaaca	gaaatgaatg	aaataaaacc	agaatagaag	900
agacgatcta	caaataccaaa	agttgggttg	ttgaaaatac	tagtagagct	gacatacctg	960
tggtgagact	gatggaaata	atgcagttac	aactaaccaa	tatcataatt	ggaaaggaaa	1020
tcactatagg	tgctgtaaaa	attaaaaaga	taatagaata	ttatgaacaa	ttttctgcca	1080
atattattga	aagtttagat	aaaatggaaa	attcatttaa	aaatataatt	tgacagtatt	1140
atgttatgtg	aatactataa	tgataatcct	gtaatcatta	aatgaaccag	tagtttaaaa	1200
tttttccata	tagggaaggt	cagggccaga	tgtgttcaat	ggttg		1245

<210> 3959

<211> 1481

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1482)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1373)...(360)

<223> similar to gil293846 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3959

acgcacccaaa	tagagttttt	tttctctttt	taaaaactct	atttggtgcg	tgcccacggt	60
gctgcgtccc	gtcagacata	cctgtataga	tctctctatt	tatatatata	tatatatata	120
taaaagggttc	tttagcagtt	aaatagattc	caatatgaac	gtctcccagg	acaaagctgc	180
gtctcgcctc	tgggtcacac	gcatctgtgc	ggctgggggtg	tatgtgccgc	gtcacagcag	240
gtaccatata	aatacgttga	tttgaacgca	gtttccctgt	gggtggtaaa	aacacattcc	300
tgacaagtga	caaagcagaa	gagtcgcgca	gctgcagcgc	cctcactcgg	ctgggacctc	360
gtacttgaag	atgacgctga	agagccggcc	gcccagccgc	tcggccagcc	acgcgttctt	420
gatgacggcc	agcttgaggc	tctcgcagcg	cagggctgcg	tggtagtttg	tgtggacagc	480
acggccccatg	ccctcgatga	ccaccagatc	cgcgccacgc	tcccgcacca	gtgcgggccag	540
ccccattatcc	aggcggctga	ggtcgaggca	cggggagctg	gagcccgtct	gcaccagcag	600
cagcctctct	tcccggagcg	cagagtgcac	gacagggtcc	atgcccgcaa	tacgctctgc	660
cacgatgagg	gactcgctgt	gggtcacgtc	gttcaggggcg	gggcctgagt	tgacagccag	720
gatgacctct	gtccctctaa	ggagtagctc	cctgacaaaag	gggaagactc	ccaaaatgat	780
gtctattcca	ctgttatctg	cgaaaattaa	ggcacattta	tgagggggcc	cctttaatct	840
ctgaagccac	tcgctgtagg	aatccacgag	ccagggtctt	tcttgtaact	tcctctttgc	900
ttcttcaaac	ccaaagtagg	ggtcggattc	aaggacagca	gacacggctt	tggcccccca	960
gtcgaagaca	ttccccgcca	ggaggccttt	caccagcgcc	agctgccgtt	cctcccagcc	1020
cagcgcgtcc	agggagcgca	cgacccccggg	gaagcacctc	agcgccacgc	cattctcccg	1080
ctgcttcaat	ttggagtagg	gatccgggaa	gttgaactcg	ttcagacagt	gctccctggt	1140
gtccagcagg	ctgctgcacg	tcagggtccc	ataggcgaag	ggctgctgcc	tcagggtctg	1200
aagcttggtc	cagtacttct	gccggaactt	ctccatccta	tcgcctgcat	tcacacagtg	1260
tggttggtgatt	gcctctgcgc	gttacaaaac	cccgttcagg	gcgtcctcaa	accaggtcag	1320

gcagtat	cgggacagag	agtcacgga	taggtgcccc	gtgtagggca	cgtagggagg	1380
tgggtacagg	attagcgcca	ggtctatcag	tggcatctcc	agccggtccg	aattccagca	1440
catggactat	gttatcaaaa	nnagggtatc	taattttttt	t		1481

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<210> 3960
<211> 1665
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (334)...(52)
<223> similar to gi4584215 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400>	3960					
atcgagaccc	ctgtcgagt	tgccgggaatt	ccagggtcata	ttgttcacag	agatgattat	60
aaaatgcttt	ttatgactta	caaaagaaaag	cttagaatat	tcgttagaaa	tgcccttatca	120
ctgaacactt	agcgtttttc	tgttttcttga	ttctaaaaca	gtgatgacgc	tgatcatggc	180
attaatgaag	tgctgatcta	ctatatTTTT	tagtttaata	tgccctgttta	ttcgggttaac	240
agtataaagt	aatcattctg	atctggcctc	tttttgTTTT	ttttccatt	ccctccattt	300
ttgccgcctt	cgctttgcaa	acatcagatc	cgagatgagt	ggggcaatca	gatctggatc	360
tgccctgggt	gtaacaagcc	tgacgatggg	agtcccatga	ttgggtgtga	cgactgcgat	420
gactgggtacc	actggccctg	tggttggaatc	atgactgcac	ccccagaaga	gatgcagtgg	480
ttctgcccc	agtgtgcgaa	caagaagaag	gacaaaaagc	acaagaagag	gaagcatcga	540
gcccactgac	gactcccgag	gggctggacc	aagcgggggtc	agcccggggct	tcttccctgg	600
cgccctctgga	aggagactgg	tgcaagtctg	ccgtcacatc	cacccccaga	tgccctgtgga	660
taaagaacc	aggaggactg	aggctggaac	acaccgcgca	cctggattgt	tcactcccga	720
gccgccttgg	cctgtggctc	cgtggcagtg	cgacagaagg	aaactcaagc	agaggcgtgg	780
cctgggggct	gcccctcctc	cacttctcta	ataccagtga	caagtattat	taataaagag	840
cgtagatctt	cccttttgat	ttcctttatt	ctctccaggg	ccttttcatt	gagggtattag	900
atgagaagat	aatgtacaaa	ctgcctcaac	tgtaatttaa	ggatgataga	gtctgtatac	960
agttttcagc	ccctttccct	ctatagtaag	ataatcagaa	taacataaaa	gaaaactcca	1020
gttgaggtac	cggtaaata	ttttgtgata	agaatatatg	aagcttccct	ccttcccccg	1080
tttttagtac	taacatgtaa	aatgttcagg	cttttggtga	ataccttata	ttttttaaga	1140
aaaagggttc	tatcatgtcc	tgtttgcttt	tggtgcaaatt	atttttgttt	aatgtatttt	1200
atatcttcgt	tgcatcttaa	ttttgccctt	ctttaaactg	ctggagtctc	ttctcactgc	1260
ttgtacattt	catcaacttg	tataaaaact	cttcagacta	aaagattgcc	cctaattgta	1320
ataataaata	tttatgaagt	agttattttt	taaattttta	tcgtgtttta	ttctggcttt	1380
ctctgaaatc	cactgtgatt	tcagccagg	ctgtaatgac	gctggacaga	aacaaggcta	1440
gagaaaaagc	catcggttaa	agaaatttcc	cttgagctca	gctggcgag	tgcccggaaa	1500
catgggtggg	aaaggggccg	agcagttgga	aggaaaaaca	ggcaatttaa	atttagagtt	1560
tatgacttga	agttgttttg	tttgttgtct	attttgTTTT	tgtaaatTTT	tttgacagac	1620
ttttactaaa	aggacatgta	gtttccatga	aagccaaaaa	aaaaa		1665

<210> 3961

<211> 2478
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (249)...(645)
 <223> similar to gi330953 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3961

cttgaagaag	aacctggctg	acgaggatgc	tgtgtcttgc	ctggtgctgg	gcaccgagaa	60
caaggagctc	ctggtgcttg	accccgaggc	cttcaccatt	ttagccaagg	atgcagtgac	120
cagcctttgc	tttgccggt	acgggcggga	ggacaacacc	ctcatcatga	ccactcgagg	180
tgttgccctg	atcatcaaga	tctgaagcg	tacagcagtg	tttgtagagg	gaggaagtga	240
ggtgggtccc	ccaccagccc	aggccatgaa	actcaatgtg	ccccgaaaga	cccggcttta	300
cgtggatcag	acactgcgag	agcgggaggc	tggcaccgcc	atgcaccggg	ccttccagac	360
agacctatac	ctgctgcgcc	tacgtgctgc	ccgcgcctac	ctgcaggccc	ttgagtccag	420
cctgagcccc	ctgtccacga	cagcccagaa	gccactcaag	ctgcacgccg	tggttcaggg	480
ccttggtccc	acctttaagc	tcacacttca	cctgcagaac	acctcaacaa	cccgtcctgt	540
cctggggctg	ctggtctgct	tctgtacaaa	cgaggcgctc	tattccctgc	cccgggcctt	600
cttcaaggta	cccttgctgg	tgccagggct	caactacccc	ctggagacct	ttgtggagag	660
tctcagtaac	aagggcattc	cagacatcat	caagggtgctg	gtgcttcgag	aaggccaaag	720
tgacccctg	ctgagtgcgc	acgtcaacat	gcctgggagc	gaggggctgg	cggccgcctg	780
agacctgagc	tgctgtgaaa	gcccctgcac	aatcagccag	ggagaactgg	gcggttttag	840
tgccccagc	cccactcctc	atgcagcagt	gtgctggggc	gacagctcgt	ctcccctctc	900
ttaagcaccc	gcttcctcac	caccccact	gttgggccta	tagtagcagg	ttagttagta	960
cctagggcgg	ctcaactcct	cccacagcac	caaccagca	tggtccact	gaagtccac	1020
tacgccctcc	cctccccagc	cttttccaga	aaccatactg	ggctcagatc	agagctccga	1080
agcgtcaaaa	gtgagctgag	caggacaggc	ccagcctttc	tccactgcca	cgtccctcat	1140
gcacatcact	catctcctgc	tgacggccaa	ggccaaaatt	gggctagtcc	tggccaggga	1200
aatcagaagc	tcttcttggg	tgagattgag	cctcctgttg	ctccctggag	ttccggaggc	1260
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gagcaaaccc	agggaatagc	cctcctctcc	ccaggaaact	tctctgaaat	cttagactta	1380
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<210> 3962
 <211> 2105
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2080)...(1787)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3962

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agacgtctga	gactcaaaat	gtgaccctga	ctagaaaagg	atccattttg	aaaaaccagg	180
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tggtagaaga	atccgattta	ctgggtcagc	tgaagatcat	taaagacttt	taccttctgg	360
gacgtggaga	actgtttcag	gccttcattg	acacagctca	acacatgttg	aaaacaccac	420
ccactgcagt	aactgagcat	gatgtgaatg	tggcctttca	acagtcagca	cacaaggtat	480
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cccagctact	caggaggctg	agacaggaga	attgcttgaa	cctgggaagc	agacgctgca	2040
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[illegible]

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<220>
<221> misc_feature
<222> (551)...(206)
<223> similar to gi3212996 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<210> 3964
<211> 1216
<212> DNA
<213> Homo sapiens
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<220>
<221> misc_feature
<222> (1075)...(807)
<223> similar to gi406113 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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2723

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ggccccttac	ctgcttctct	aaattgggct	cctgcctctc	agtccctca	gcccctccag	420
tctggccagg	cttagcactt	gcacttcccg	gaatggctat	agacattatt	ccgctatgcc	480
tcactaattc	ctacttaact	gacagctctg	tcagggtcatc	accactttta	tgacctttct	540
cggaccccat	aggctggatc	agatgcctcc	tgaagaatta	cagacttctt	cctctagact	600
tggagggtgag	ggacctctc	tggaatagag	aagggtgttg	gagtgtttgt	tgaatgaaag	660
agtgaatgaa	tgaagtcctt	cagtaaggat	ccctaagcag	ttactgtgtg	cccaatgtga	720
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ccccagctca	caggtttgtg	gaattctcac	catgggtgct	gcaaggcctg	ctcacagggtg	1020
aatcttttct	ctgggtcctt	ctccatcaag	tgccggatga	aatctttggc	taaaccacca	1080
agacaaaagc	aaagataatg	acagcatggt	actgcctgtg	tactcccaa	gagcataccc	1140
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<210> 3965
 <211> 799
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (800)...(499)
 <223> similar to gil57535 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3965		
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tgcacaaaaa	taggttcttt ttcccttcaa ggcaaaatca gtcagaaagc aggttttttc 180	
ttcttcaaaa	ccattctacc tcattagcat tcaagctagc tgtggctctg atgatcatgt 240	
agcagagtgt	gagggcactg aggaggccaa aactggcaat aataaaccat tcttttggtta 300	
ctgcaatgtt	gattttctct gttctcggag tgagctcccc atcctgagga agagggtgaga 360	
tccccgaagt	tcgaagtggc tcaaggccaa gggagttgtc gccggcgagg tcgccgaggg 420	
ctgatcttcg	gttaacagct tgggttcttg tgagcctttc catatcgaat gctacgttat 480	
cagtacatgg	caaattcggc acaattccca gggccttcaa tatattaagt ttgcacatag 540	
gacaggtaca	atgttcacta agccagggat ccacgcagga tttgtggaaa acatgcttgc 600	
aggagaaaat	tccgacgaca tcattctgct atagcctctc tatgcagact gcacaatgat 660	
caaagtctgg	gtcagtttcc ttgtcaccc tctttactgt cctggttgtc aatttactga 720	
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<210> 3966

<211> 1869
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (44)...(671)
 <223> similar to gil945499 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3966

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ttatggagta	aaaattctag	aacccaaaac	aaaggaagtt	caacacaatt	gccagcttca	180
tagaatatct	ttttgtgcag	atgataaaac	tgacaagagg	atattcactt	tcatatgcaa	240
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gatcacttta	acaattggcc	aagcatttga	cctggcatac	aggaaatttc	tagaatcagg	360
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tagattcagt	atctactacc	catattttact	ttaccaaata	tattttctcct	cactgcataa	1680
ggactactct	tctcatattt	tcttctttga	tgaagatatt	tttcaccaaa	gtttattttg	1740
tgatgccctc	ttggttttga	tactttaaaa	tctgtggcac	ccgttctaca	tgaattatca	1800
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aaaaaaaaaa						1869

<210> 3967
 <211> 6147
 <212> DNA
 <213> Homo sapiens

<220>

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09-06-2017

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<210> 3969
<211> 1169
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (947)...(687)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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2728

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aacaccttga	agaagaattc	aggggcaaag	atgccttggg	gaacattgtc	atagcatggg	600
gcattctcca	gacagagcca	ctaggtacaa	agtcacatct	ttcattttatt	cccttcttta	660
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aatatggtga	aaccccgctc	ctactaaaaa	caaaatacaa	aaagtagccg	ggcgtagtgg	840
cacgtgcctg	taattccagc	tactcaggag	gccgaggcag	gagaatcact	tgaaccagg	900
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<210> 3970
 <211> 421
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(147)
 <223> similar to gi747652 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3970	
ggcgtgatg	aagatgccgg aggacgagtc gaccccgga aagaggactg agaaaaatctt 60
ccgccaaatg	gacacaaaca acgacggtat aataatggcc cccagttgct gggagaagtg 120
aggattaacc	gagtaagtga ggggaaggct gaagtggctc agctcaaagt ccatcctggg 180
ggacctctc	gccctgagct cactgccttc cctgccttcc tcacaacagt attagaggaa 240
ctccaaggac	cctgcacaca tccgcccac ccagccctgt cccaccaaca gaggcctctc 300
ttcttgctgg	gacctatgac tccattctc ccaagccttg aggccagcag gctgtctgag 360
ctttattttg	caagggagga acaggcctag agagagaaat aagtccctca gccaggagaa 420
g	421

<210> 3971
 <211> 662
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (7)...(489)
 <223> similar to gi4586838 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3971
cccagggcca atttcatgct aaaggaagat gacgatgtct ttgtccacgt cccaaacgtg      60
taggagttct gggatggctg ggaccagcc caggacctct tgggtgggaga tgtcatccgc      120
caagccctgc ccaacaggaa cactaaggct aaataacttca tcccaccctc aatgtacagg      180
gccacccact acccacccta tgctggtggg ggaggatatg tcatgtccag agccacagtg      240
cggcgccctc aggtatcat ggaagatgct gaactcttcc ccattgatga tgtctttgtg      300
ggtatgtgcc tgaggaggct ggggctgagc cctatgcacc atgctggctt caagacattt      360
ggaatccggc ggccctgga ccccttagac cctgcctgt atagggggct cctgctggtt      420
caccgctca gccccctcga gatgtggacc atgtgggcac tggtgacaga tgaggggctc      480
aagtgtgcag ctggcccat accccagcgc tgaagggtgg gttgggcaac agcctgagag      540
tggtactcagt gttgattctc tatcgtgatg cgaaattgat gcctgctgct ctacagaaaa      600
tgccaacttg gttttttaac tcctctcacc ctgttagctc tgattaagaa cactgcaacc      660
ca
ca

```

```

<210> 3972
<211> 1130
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (285)...(908)
<223> similar to gi406738 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3972
gggcgtgcat gggttctcag gttgctctc tgccctctcc tcccacaatg tggggactgc      60
aacaccctgt gtggcacaga aggtctgggc cccccccacc aggggataga tccaggatta      120
cgtccccaga gccagtcagg cccttcagca tgggctgccc tcctagagca ttcctttgat      180
cctttctggg gctggaagaa gtaggggttg ggcactggct attcaatagg gacctctgag      240
gacctctagg gtcccttagag tccatgattg atatgttccc cacagcccag tttgaaggac      300
cggagaagag ctgcctgtca cctggccggg aggagaaggg gcggctacct ccccgactct      360
ctgcagggaa ccccaagtca gccaaacccc taagcatgga gcccagcagc cccctggggg      420
agtggacaga tccagcactg cctctggaaa accaggtgtg agtgtctgtg tccagctggg      480
gactccctcc ccactcctcc cctcctggca ctggcttccc tacaggggac acccacaatg      540
ggtgggcctg gacagcgagg gaccagcag agatgcccc cttcctctct ctcatcetta      600
gctggtatca cggggccatc agccgaaccg acgcccagaa cctgctccgg ctgtgcaaag      660
aggccagcta cctggtgctc aacagtgaga ccagcaagaa tgacttctcc ctctccctca      720
agagcagcca gggattcatg cacatgaagc tgtcccgaac caaggaacac aaatatgtgc      780
tgggccagaa cagcccggcc ttcagcagcg tccctgaaat tgtgcaccac tatgccagcc      840
gcaagctacc cattaaggga gccgaacaca tgtccctgct ctaccctgtg gccatccgga      900
ctcttttagat gtgaagccag ggcactgtga tagacctgta cccagccctg tgcccatcac      960
ctggctgagg gctgtggctc ttgccaggga cgtgatcttt caaacctttc ttctcctggg      1020
atccagtaga agctggagat tccttaattt attctaaagg gaaagggtct ctggggcctt      1080
ggagtaaggg gttgtctgga gctgcggaaa gaggaatccc tggagagaag      1130

```

<210> 3973
 <211> 1627
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (5)...(654)
 <223> similar to gi861381 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3973
 ccgcatgctg gcctggcacg ttctcatggg gaaccagggtg atctggaaaa gcagagacgt 60
 ggacctcgtc cagtcagctt ttgaagtact tcggaccatg cttcccgtgg gctgcgtccg 120
 catcatccca tacagcagcc agtacgagga ggcctatcgg tgcaacttcc tggggctcag 180
 cccgcacgtg cagatccccc cccacgtgct ctctcagag tttgctgtca tcgtggaggt 240
 ccacgcagcc gcacgttcca ccctccaccc tgtgggggtg gaggatgacc agtctctcag 300
 caagtacgag tttgtgggtga ccagtgggag ccctgtagct gcagaccgag tgggccccac 360
 catcctgaat aagattgaag cggctctgac caaccagaac ctgtttgtgg atgtggtgga 420
 ccagtgcctc gtctgcctca aggaggagtg gatgaacaaa gtgaagggtgc tttttaagtt 480
 caccaagggtg gacagtcgac cctaagagga cacacagaag ctgctgagca tcctgggtgc 540
 gtccgaggag gacaatgtca agctgctgaa gttctggatg actggcctga gcaagacctc 600
 caagtcacac ctcatgtcca cggtcgcgag cccacacagc tcggagtctc ggaactgacc 660
 cgtcacacac acctgcctaa agacagggat ggctgtccac aggatcctcc agccccgtga 720
 gagggactgt cccttgagtt tctcaactgc tggaaggagc tgcgtcccag caaggaaggg 780
 aaaccatcat ggctgggctc ggccctgtca ggtttggggc ctgtgtgctt ccagactct 840
 ccctccagcc gtttgaatcg ctgaagatgg caatgaaagg cggaggggatg atgggctctc 900
 tctgtgttca aactccttgg agagacgact aggaggacag cttgcctccc agggcccttg 960
 tggacttaga ctcaaaaccc gcaggagaaa caggctccgac tcagtatgca gtcgcaataa 1020
 catgtctgct cccgagggtta acattcaagc gtttctactt tgaaattcag caagagtttc 1080
 tgggccttat gtttgagggt accttttgct gcagttgtga atattcagta cattgccagc 1140
 tcttggtcac tgagtgattg agttagggtc ccgcaagaga ctttggggag tgaagtggat 1200
 ctcttcctca tcttctggtc ctctgaaatg tgtgttctga agccatgggg ctctcttct 1260
 ggggtgttcc cctgcagggtg ctggtgaagg taacctgggg cttaatgatg gagtccctga 1320
 tcatTTTTgc acaagacagg ttgctgaggg gtcggcaagc atctgacttg cccaatcccc 1380
 tggatatggt gagccccgcc atgcttttat tctgtatcgc ttttgtcttt attgctgctt 1440
 tcaacattta cgtttgggtta cagttaacta ttttcggagt gtggtgattg aagacaattt 1500
 catcatccca ctgtactttt ttttttgaga ctctgtctca aataaagaaa aaaaaaaga 1560
 taaaaataat ttttaaaaag taaagatagg cctgggcaac agagtgagac tctgtctcaa 1620
 ataaaga 1627

<210> 3974
 <211> 1579
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (691)...(872)
 <223> similar to gi29653 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3974

agtcacctcc	agaccccaga	agctctcccc	aaccagccg	agttcctctg	caaacaattc	60
aaggggctct	gataggtcac	acagtgccac	cttgtgtgct	ggaccatata	tggagggaga	120
actgagtgag	ggggcacagg	ggattgtctc	caggtggggc	gagcagggga	aggaaaatag	180
tggccacttt	tacattgggt	tgggtagtaa	ttattgattc	aggaagcaaa	tacaaaatcc	240
tgaatgaaat	gacttgaaaa	aagtaaatag	aatcaagatc	ccaagaggag	ctgaagataa	300
ataaatggga	gcaggatgtg	ggggaatggt	cggtaagtga	gaaatgctaa	aatgatagaa	360
taaagcttaa	ggattgttgg	aggtagagca	ggaactgtgt	actgcatagt	tcccaaatgc	420
cctggtgttc	caatggggga	tggaaactaa	aacactggcc	aggttggatt	tcatactgta	480
gtcctgccat	ttttcttcct	agagcagaga	taaaagttgg	ccctgggcga	tagctcattc	540
tctctgaaag	gctgctagtt	aggcccagcc	tgtcaccctg	gatcatgagt	gtcgtgtgta	600
ttgggactta	cggcaggggg	ctgaggcttg	cagatgggca	agtggtgaga	ggccccactg	660
acctcagtct	gtttctcact	ggagcgcagg	tttgggagca	gcagcaacac	cacatccttc	720
ggcacgctcg	cgagtcagaa	tgccccact	ttcggatcac	tgtcccaaca	gacttctggt	780
tttgggaccc	agagtagcgg	attctctggt	tttggatcag	gcacaggagg	gttcagcttt	840
gggtcaaata	actcgtaagt	atcccccttt	ttgagtctca	ccttaattaa	aagcattaaa	900
taaggttgga	agtgtgtgga	tcttgctgga	tttgtgcatt	ttcttttcgt	tttttcctgt	960
tttttagagtt	tgtcctggaa	gtgtgggggt	tcagcagcag	ggttttgggt	ttgtggactt	1020
gctcttctct	gtagcaatat	ggcaggaggt	gccaggcctc	gccttcttaa	gaggcggtgt	1080
tcaaagagaa	aagagcacgc	ctgccagtga	gctgggcctg	agggcagcgc	tgaggagatg	1140
ctgctcctga	cttccctgga	ggtttctcag	aagctgcatg	ctaacccttg	ggctctgggc	1200
catcaccagg	tctcatgtgt	tgatccaccc	tctgtgcttc	tgtgtaaaat	ttcatggcgt	1260
taaaattcag	tcttagccag	gtgggtgggt	cacgcctata	atccagcac	tttgggaggc	1320
tgaggtggga	ggattgcttg	agcccaggag	tcaagaccag	cctgggcaac	agagtggagc	1380
cccatctcta	ctaaaaatta	aaaaaattag	ccgtgcatgc	tggcttatgc	ctgtgggtccc	1440
agctactcca	gaagctgagg	cgggaggatc	acttgagcct	gggagggttg	ggctgcagtg	1500
agccaagatg	gtaccactac	cgtctagcct	gggtgacagc	cagaccctat	atcaaaaaaa	1560
aaaaaagggg	gggccttt					1579

<210> 3975
 <211> 467
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (370)...(254)
 <223> similar to gi311097 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3975

cgaggatggt	acaggcgaat	aattagagtt	gtgtgatgta	taggaaaagt	agcacgatgc	60
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<210> 3977
 <211> 1423
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1408)...(212)
 <223> similar to gil669689 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3977
 atgaaagatt tttatttcaa attgcttttc cttttattat ttaggggctt aaaagacaac 60
 cttcttgctt ctgggacatc cagcctgaca gccaccaaac agttgcatcg tccaagaatc 120
 acgagaatct gcctcaggga cttgatattt tgtatggaac aggaacggga gatgaagtat 180
 tctcgagctc tatacctggc ccttctgaag tgaccactcc actcttccat ccagatcctt 240
 gctatttact gccaaaagaag acacaaaagca ttgttgcaact gtcctgaaat ttcaatttct 300
 ggaaaataat caccaacatg aaagagcatt gtttacagtt agaaacttta ttaactctta 360
 cctatccatc tcatgggact cttacagact cagattcatc tttgtcttct gaaaatcagt 420
 tatgaaatac actttgcaca gaattaggca tctgcctatc tgtgcattaa attaaagcaa 480
 gttaaggccc tatttgttac tacctgcctc atttgccaaa ttgtagcagg tgaggtgtcc 540
 ttccctaata cagcatgcat tgagatgcag gagaaaggaa gaggcataag aaaatacaag 600
 aatgactatt tcattctata ttgaacctgt cccaaagtgg taggttttct gggctggaat 660
 cagaagtgtc ttagctaact atgacagtca ccctctgtac gtgacaggcc actgtggtga 720
 ctttggtcgg ctgagttcca gtgttgtcaa aacaagacaa atggggatag attgtgcctg 780
 gggttgctaa ttctctgctt catatcacca tatgccgttt ctggtaccaa gtgaggggac 840
 atgcttgtca gggaaacctt aaaattgaat ctactgatat atcttggtga aaaaatggaa 900
 aaggtgcaaa gtattagaag gaacgttagg gcgttgcttt caaactgatg aggggaatgt 960
 gaaaatggta tcataaaaca ggaaatgtgc ttcatatgcc caagagggga agaggtggaa 1020
 tcggaactcc aaaacaactg gtacatgttt tgttgatggg caaaaaaaat cacagcacia 1080
 ccagaaagga gaatgtacca gatgttttca aattagagta tttcaaaaagg aaaatgttat 1140
 tttttgtttt gtattgtttt aaatcccaag gatagttttt atatttcctt ctgtcataat 1200
 atattttagt taccctaatt tttaagcatg ttggcacatt taaaaaatcc taattgatga 1260
 tgagaaatct ttaacaatag gactttatgt tggattctgt acttaaaagg tactgtcaat 1320
 atctcactct tggggatatg agctctaaat atgagaagca agttatatgt gttcacctga 1380
 ggaagaagct gacggacaaa gcaaaccttc tttaaaaaaa aaa 1423

<210> 3978
 <211> 2081
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2078)...(1302)
 <223> similar to gil196425 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


```

<400> 3978
tttcttgtag ctcaactcgag cctccaccta ccagggttcaa gccattctca tgtctcattc      60
ttttaagtgg ctgggattac aggtgcacgc cacagtggcc agctaatttt tatattttta      120
gtagagacag ggtttcacca tggtggccag gctgttctca aactcctggc ctcaagtgat      180
ccgcccacct cggcctccca aagtgtctggg attacagggtg ttagccacca tgcctggctg      240
ctaattttta attttttgta gagacagggt ctccctgtgt tgcccagact gttctcaaac      300
tcttgggctc aagcaatcct cccacctcag cctcccaaag tgctggaatt acagtcatga      360
gccatcatgc ccagccagga tatggacttc ttgactagta ggaagaaagt gggctggaca      420
cactggctca cacttgtgat ccagcactt tgggagaccg aggtgggagg agatcttgag      480
gccagaggtt tgagaccggc ttgtgcaaca tagtgatgta gcaggacgag ccacagacaa      540
aacctctcag acactgagtt gtagaaggaa gggctttatt cagctgggag catcggcaaa      600
ctactgcctt aaaatccgag ctccccaaat gcacaatttc tgtccctttt aagggtcac      660
aacactaaag atttcacatg aaagggtcgt gattgatttg agcaagcagg cggtagatga      720
caggggctgc atgcaccagt ggtcagagag aaacagaaca gggcagggag tttcacaatg      780
ttcttctata caatgtctgg aatctatgaa taacatcagt ttctaagtta tgagttgatt      840
tttaactact ggggttaggc cagacaggcc caggcctgct ttcaggcctg gtgccgggct      900
gcctgtcttt ggttttactt cctgttcact ttttcttaaa agaggtactg agtataaaac      960
aatataaaac aatataaaac aatatgagag ggtctctctc tcttccctca tttccccct      1020
ttgagactct cagtttttat tagtgggagt tctcactctt atttttgcta cttatgtatt      1080
ttcgtgcaat agattgatag tgatttatat agtatgcttg tgctgaagca ttttggtgaa      1140
ctaaggttaa gcgacgaagt tttttatcat ttggagaaat acaggatatca gacaagggag      1200
cagtaagcag gttcctatta ctattattac tcttattata agagttttta atccacctat      1260
tgctgggaac caatttccaa acatggctcc cagattgagt ccgtgccaca cttgcacagg      1320
tgcatgtgcc agttttgtta tatctttaac tatatcctca actacttgcc cctgatcatc      1380
tatgtgtaga caataattag taagggtcaaa tttttcaca actcctcctt cagctgctag      1440
caagtaatca agagctagtc tattttgata gatagcattt ctcatcagag tctcttgcca      1500
ggcaagaaca gtcaaggctt gagtgggttt attagtaata atttctaaaa ctgcttgtaa      1560
ccatatgatt cgggttgagca tgtagatggg ggttccatat ccccatgaga catcttgta      1620
ccaagtggca ggtccatagt attgtaagat tttttcaggg ggccattcat cgtctttcca      1680
atcacctatg gctatgcttc atttttcaca ggaagcacag actgggaagc ccagaagttt      1740
acctgttttt atgggcacta agaagaaaga tggtttaatg gtgccaatta cacagctacc      1800
tgtccactga tcaggcagct tagcataagc tctgtgtcca catacccagt ataaccagt      1860
gggggcccgc cagtcccagt gcaattctgg gtgggcccaa acagtctgca actttggaaa      1920
tttactgaat ggattttttt ctgtgtaatt ggaactccac catgtaactg tttttgtggt      1980
accattatac agcttttgcc caagacaact aagctgcctt acaggatgag taaatccttt      2040
tccttctcta gctatgcaat actgtccaat aataagactt t                                2081

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<210> 3979

<211> 1262

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1265)...(711)

<223> similar to gi4972682 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3979
tttttcagaa cacaaatttg gcattatattt atcaatatat caagcaatat aactgctaga      60
tacaatgttc acagcagcat tgtttcaaca gcaaaaacaa ataaacaaaa ctcaaatgtc      120
catcaagaat gaataagttg tagtatattt atataatact atataagcaat aaaaatgaaa      180
gaaagtcaca gaagtaacaa ttttgccatt tatataaaat tcagaaacat acaaaattaa      240
catttcactt acagatacat acgtatgttg taaaactata atagacaaat gacaaacaca      300
aaattccaaa taattatttg agagggagag ggccttaggg aacttctaaa atgtcgcacaa      360
catctgtatc ttaagctggc tgatgagtac acagatattt acatttatta tccctttata      420
tatacgttta tgtatttttg tagtatgaaa tacttcatta aaaaaagagt gaaaatgtaa      480
gacttcaaaa atgaagacta ccatttatgt ataacaataa aattagtgtg aaaaagtata      540
caaagaaaat gttcaattct ttatctttcc gtgctctata taatcagtat taatctaaag      600
accataatcc tagtatgaaa aaaataacaa gctttgacac aaaaatctaag catctgcttt      660
cctggcactc ttaagttaga caagagtaaa tatgttagcc tctcaattct gcctcttcat      720
ctttcatcta tacttagatt tttctttatc tttggacttc tttggacttc tgcttcgggc      780
tctcttttta ctcttttctc tttcataaag atctgttttg tattttgatt tatgactatt      840
actataatgg ccatccctct ctcgagatcg gctacgactt cggttctgag ttcgggtctct      900
cttttcactc ttttgtttct cccaacagct ttcttcttct tcatagtgc caaaccccat      960
ttctctatag atatcctgat tagtatattt gattggcatg tagtcctcat cttctttctc     1020
ttcagaacag tgatgggttt tcttcttggt ttttttactt gtgtgtgagt gacttgattt     1080
tgagtcttcg gcctgctcat ctaataataa atcgtatatt gtatcctgtt tgggctttac     1140
tttatctttc agaaccaaat taggtggttt atcctgttct ttttcatact ccttgaaatc     1200
actcttggtg tatttcccac cttttccttt ccatttaacc tttgcaaccg actggctaaa     1260
at                                                                    1262

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```

<210> 3980
<211> 1248
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (11)...(803)
<223> similar to gi2429164 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3980
cccacgcgtc cggcatcctg ttactgcatt ttagaaaatg atggagtcaa gttttgtcgg      60
ccccagtc tccctgagg tcccttctcc tgacagagga agccagtctg tcaaacacca      120
caggagtcta tcctcttgct gcagcccagg gcaaagaagt ggcagtctcc ataggaatgc      180
cttcagaagg acacccccgt caccocgaag taggctaggt ggaattgtgg gaccagcata      240
tcagcaactc gaagaatcaa ggatcccaga ccaggatacg ataccttgcc aagggtattc      300
atccagtggg ttaaaaaacc aacgaaatac atcaataaat atgcaactgc cttcaagaga      360
gacaaacccc tattttaata gcttgagca aaaggacctg gtgggctatt catccacaag      420
ggccagttct gtgccatca tcccttcagt gggtttagag gaaacctgcc tgcaaatgcc      480
agggatttct gaagtcaaaa gcatcaaatg gtgcaaaaac tcctattcat ctgacgttgt      540
caatgtgagt attccagtca gcgattgtct tatagcagaa caacaagaag tgaaaatatt      600
gctagaaact gtccaggagc agatccgaat tctgactgat gccagacggg cagaagacta      660
cgaactggcc agcgtagaaa ccgaggacag tgcaagcgaa aacacagcct ttctccccct      720
gagtcccaca gccaaatcag aacgagaggc gcaatttgtc ttaagaaatg aaatacaaa      780

```

```

agactctgca ttgaccaagt gacttgagat gtaggaatct gtgcattcta tgctttgctc 840
aacaggaaag agaggaaatc aaatacaaat tatttatatg cattaattta agagcatcta 900
cttagaagaa accaaatagt ctatcgccct catatcatag tgttttttta caaaatattt 960
ttttaaggga aagaaatggt tcaggaggga taaagcttac cattaaagct tttgggtaga 1020
attctgaatc caatttcggt tagtcccaac actgtcctct ttggctctta gaagatgtgg 1080
gcaattcaga cccttgcccc cacagtgccca gtgtctcatt aaaaaacact ggcagttacc 1140
tggtttcaaa aagaggagag ctgcatcccg caggtggatc accagtgagc aggtgctctt 1200
ccatttggtt ccagtccaag cctaatttta ttaccaatgc tatacagg 1248

```

```

<210> 3981
<211> 1330
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (67)...(14)
<223> similar to gi3876901 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3981
cccctcgtag aacactaggc catgtggtgg aattcgctgg acggcataag gaacatcgtc 60
ttgagcaatc ccaagaagag gaacacgttg tcacttgcaa tgctgaaatc tctccaaagt 120
gacattcttc atgacgctga cagcaacgat ctgaaagtca ttatcatctc ggctgagggg 180
cctgtgtttt cttctgggca tgacttaaaag gagctgacag aggagcaagg ccgtgattac 240
catgccgaag tatttcagac ctgttccaag gtcattgatgc acatccggaa ccaccccgtc 300
cccgctcattg ccattggtcaa tggcctggcc acggctgccg gctgtcaact ggttgccagc 360
tgcgacattg ccgtggcgag cgacaagtc tcttttgcca ctctggggt gaacgtcggg 420
ctcttctgtt ctacccttg ggttgccctg gcaagagcag tgcctagaaa ggtggccttg 480
gagatgctct ttactggtga gccatttct gccaggagg ccctgctcca cgggctgctt 540
aacaagggtg tgccagaggc ggagctgcag gaggagacca tgcggatcgc taggaagatc 600
gcatcgctga gccgtccggt ggtgtccctg ggcaaagcca cttctacaa gcagctgccc 660
caggacctgg ggacggctta ctacctacc tcccaggcca tggtaggaaa cctggccctg 720
cgggacgggc aggaggcat cacggccttc ctccagaaga gaaaacctgt ctggtcacac 780
gagccagtgt gagtggaggc agaggagtga ggcccacggg cagcgccag gagcccacct 840
tcccctctgg ccagccacc actgcctctc agcttcaaca ggtgacaggc tgctttctgtg 900
acttgatatt ggtgtcatag catttgccct acattaaaag ccacaatttc atggggaaaag 960
gacaaaatgg agagtgactg aggtgctgac ctcaagtcaa ggctggtgaa ccctgcagcg 1020
ggccagctat ggtgggaagc ctggcatttg ggtgctcct tgcaacgtct taagcaagcg 1080
acccccctga catagcaaaa ggtggcaacc catggaggca gaaagaagga cgccagcctg 1140
acccttatct gaaacgtcct aagcagagtt aatcctggct gctcaggaga ggcgacacat 1200
ttcaaactct cacgagatat tctccacaca gaaaatcttc ttgattctat agagacttaa 1260
tcatgcctat ggctttgaat aatcttatgt gatttaaata aattaaatct ttatagagcc 1320
aaaaaaaaa 1330

```

```

<210> 3982

```

<211> 1435
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (142)...(239)
 <223> similar to gi5912258 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3982
 ataaattggg gaaccccccg gtttttcccc tccccccggt tttaaacc ccgccccgga 60
 tttaattttg ggggccccat aaaaaaata ttaccttgcc agcccgggga cgtaaacttt 120
 gatcctttta aacggccccc cttttttttt ttttttaata aaattataga tatatagatg 180
 tagatataaa aacataaaac agacacaacg caagcagacg ctgtcatgtg cttactctca 240
 ggtccctgac accaagggaa gcaactgacc ctccccagtg tgctttccca cggcgcgagc 300
 accgcagcca ggccggggct gcggacgtgg catgccttgg ggtgggggtt tccagtttgg 360
 cagggagggc ctgagggctg gggagggggc tctgggtgtc accagcccc tgtggcagca 420
 tcacccccgt gcctgctccc gcctgcccc ccgtgcgctc ccacaagagc ataaagcaaa 480
 ggtaaggtt ttgatgaaag ggacagcggc ggccggagca ctgacacatc agacacggcg 540
 cggcagcaca gcacacagac acgggacaca tggagccggg cccccggcca cagctggctg 600
 gctggccgtc tgtccacctt tccaccacca cccagagcag gccagggcag aagcatcagc 660
 cttgccaagc tacaagcttc cagcgggggtc cgtgaaaggc aacgcgttag ttaggagtag 720
 cctggcgggg gacactcggg ccgggagccc acaggctgtg tcagaaggac ggtggggggc 780
 ctgggtgcct ctgtccatct ctgggacctg tccgtaaggg gaccattggg ggctggcctg 840
 gcggtgatct ggggtgctgg gtgatggcag tgggccaagc ctggctgaga gaggggtgcc 900
 caaagaggct gactggggcc cctcactgcc ccagccatgg gacaggccca gacacagacc 960
 agcccagtg cccttgtccc agtgagccga cttccccatg ggcagatgag tggacgggca 1020
 ggcagagcgc ttggggcaag ctgtggaggc gtggcactct ctcccgccga tgggtccaca 1080
 ccaggctggg gtggcctcgg gtccctgggg cagagaagtt ggtggggagg gggggtgcgc 1140
 tgtggggtcc tgggtcccggt ggcacatgg cggatgtgtg gcagtcagtc ctcacaccga 1200
 gatctcgtag gtggtcccac ccacgcggga caccttctta accagcgtgt gccgtgtagg 1260
 gctggcagag ggccctgggg ggccgggtggc aggtcccatc cgggccaggc ccggggactg 1320
 cccattaagc ttacttgggg gagtcttcag ctgaggggtg tccctgcac aaacaagca 1380
 catacacaca tgcacacggt gaacacacga acacggggac agaggacgga ggagt 1435

<210> 3983
 <211> 413
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (69)...(341)
 <223> similar to gi587560 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3983
tcgaggagcc ccagggtagt cccatctggg tatggctggc tgggtcacta acttctgtga    60
gctgcttcct tcctttccag aggatgcgga tcaaacctca ccaaggccag tacataggag    120
agatgagctt cctacagcac cacaaagggtg aatgccgacc acagaaagat tgagcacgac    180
aagaaaatcc ctgcggggcct tgctcagagc ggagaaagca tttgcttgga caagatccga    240
agacgtgtaa atgttcctgc aaaaacacag actcgcgttg caaggcgagg ccgcttgagt    300
taaacgaacg tacttgacaga tgtgacaagc cgaggcgggtg agccgggcag gaggaatgag    360
ccttcctcag gggttcggga accaccttct ctcaccagga aagactgata cag          413

```

```

<210> 3984
<211> 390
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (15)...(171)
<223> similar to gi4929725 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3984
cccacgcgtc cgaccagggt agcgacccccg atagtacagt ggctgtggct ttcacaccaa    60
ccattccgca ctgcagcatg gccaccctta ttggtctgtc catcaaggtc aagcttctgc    120
gtcccttcc tcagcgtttc aaggtcagtt ggagctgagc cccgggagtg agaccaggca    180
ttgagggtct actgctgagg atggggactg ggagagcatg aacatggata ggacatcaga    240
gtggggcctg gaaggatccc cattatcaga taggaaactg ggaggaagct ttccaagtcg    300
atgtgacaag aataaagatc tgagctggaa agtggagaaa agtattgaag agtgtggcag    360
gaagggcagt agggagcggc atatgggttt

```

```

<210> 3985
<211> 1743
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(878)
<223> similar to gill173848 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3985
taccgggtcg acgatttcgt tcggaatcct gggaccttcg ggacttttgg gtccgtaggg    60
tgacaaaggc agccgtgggg actggggatt gcaagggtccg aggggtcctc ccggccccag    120

```

```

agggcgggccc ggccccccgg gtcctccagg gggtcctatc caattgcaac aagatgatct 180
tggggcagct ttccagacgt ggatggacac cagtggagca ctcaggccag agagttacag 240
ctatccagac cggctggtgc tggaccaggg aggagagatc tttaaaacct tacactacct 300
cagcaacctc atccagagca ttaagacgcc cctgggcacc aaagagaacc ccgcccgggt 360
ctgcaggggac ctcatggact gtgagcagaa gatggtgat ggtacctact ggggtgatcc 420
aaaccttggc tgctcctctg acaccatcga ggtctcctgc aacttcactc atggtggaca 480
gacgtgtctc aagcccatca cggcctccaa ggtcagagttt gccatcagcc ggggtccagat 540
gaatttcctg cacctgctaa gctccgaggt gaccagcac atcaccatcc actgccttaa 600
catgaccgtg tggcaggagg gcactgggca gacccagacc aagcaggccg tacgcttccg 660
ggcctggaat ggacagattt ttgaagctgg gggtcagttc cggcccaggg tgtccatgga 720
tggctgcaag gtccaagatg gccgctggca tcagacactc ttcaccttcc ggacccaaga 780
ccccaacacg ctgcccata tcagtgtgga caacctccct cctgcctcat cagggaagca 840
gtaccgcctg gaagttggac ctgctgctt cctctgacct ctgacctcgt ggccactcta 900
ggcctcatgg aggagggaag aggaagaggc aaggggaggg tactgagggg cagatggctc 960
caggagaggc agctcccctg cccaagggtc cttgggcaga cccagctgt tgtctgcca 1020
gtagaagtgg gtgggggtag gaggggatag ggtgtccttg ggaacaatgg atcccagctt 1080
agccccaag accaaccaaa gagccagcca gagtaagctg gacctgcaac ctgcctgagc 1140
cccgtggcct ctcagctctg cggccacccc gttccctccc cagcttcctg cccaaagagc 1200
cccacattca agccaacttg aggggaagggg gcgtctcgtc agctgggtccc tgctagggag 1260
ctattgatgt gcaatattag aaaggagaca tgaaaaaagg agaaaaggaa agacagaagt 1320
gtatatatat attattttaa caaacaaaaa gaaggtgcgt tactattttt ttttcacccg 1380
ggaaaagaggt gagaggatgg gaaggagcag ccaggcgtgg gaagcggcga gatcctcggg 1440
ctgggggtgc ccacgtttgc tacctccccc tgtgaaatcg ctggtgcctc acaattgtct 1500
ctcacagtgt atgtgatattt tttaaggaaa aaaaaaaaat ccctatttaa gattctgaag 1560
gtgctaccat tattttgcca cagactttga agaaactttt ggatgtgggg catcatccgc 1620
atcttttctc ctccctccaaa tgacaaagtt tgggggaattt ttgaattttc ctagcatcgc 1680
ccttggtgctc atcaggtaat ctgctaagga ggaaaaaaag aaaagaaaaa aggaaaaaaa 1740
aaa 1743

```

<210> 3986

<211> 1445

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1417)...(1154)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3986

```

ggagcgcttg gtggcagtcg gcggggcccg acggaaggct gaggcgacgc ctcgacgaca 60
gcggaccgga gctgcagggg caacacattc agggcggggt gcccatttta ggcctggctg 120
accggagtaa gaaactacaa ccccggaagt gccttgcgcc tcaaggttac ggaggcagtg 180
accacccacc ctggagccat ggtccacgcc ttctcattc acaccttgag ggccccgaat 240
actgaggaca cgggcctttg ccgagtgtct tactcctgcg tcttcgggtg tgagaagtca 300
cctgatgacc cacggccgca tgggtgccgag agggacaggc ttctccggaa ggaacagatt 360
ttagctgtgg ccaggcaggt agagtcaatg tgtcggctgc agcagcaggc atctggccgg 420
ccccccatgg acctgcagcc gcaatcctca gatgagcaag tgccgctgca cgaggcccca 480
cgtggggcct tccgcctggc agcagagaac cctttccagg agccacggac ggtggtgtgg 540

```

09400725-012100

```

ctgggcgtgc tctcgttagg ctttgccctg gtgctggatg cccatgagaa cctgctactg 600
gctgaggggca cgctccggct gctgacacgc ctctccttg accacctccg gctgctggcg 660
cccagcacca gccttctgct gcgggctgac cgcattgagg gcacccctcac ccgcttcctg 720
ccacatgggtc agctgctttt cctcaacgac cagtgtgtcc aaggcctgga gaaggaattc 780
agtgccgctt ggccccgctg attcctcgtt gggatgggtg tcttgagggc aggcagaggg 840
tagacacaca gccagatgaa gcttggcatc tccctcctac ccagcagctc tgatgtgctg 900
ctataccagg acaagtgggt gacacaagcc tgcagaaaagg gggctgggca gaggggtggag 960
gaggtcctgc ctgtcctcag gttagtggaa ccacagaact tcctgagcct agagctgctg 1020
tgttacttag accgctgccg tgcggcagcc acgcttgctc ttgaacccac ctctcctccat 1080
ccctgccagc cgatagtgtc aggggtgagga gctgcctgga gctcaccgcc ctcttcttcc 1140
aaaccacag tcaaggccag gcgcgggtgg tcacgcctgt aatcccagca ctttgcgggg 1200
ctgaggtggt tggaccacct caggtcggga gttcaagacc agcctggcca acatagttaa 1260
accccatctc tactaaaaat acaaaaatta gctgggtgta tggcgccac ctgtaaatcct 1320
agctgctcag ggggctgagt catgggaatc acttgaacct gggaggcaga gtttgagtg 1380
agccgagagt gcgccacttc actccagcct gggaacaga gtgagactcc atctcaaaaa 1440
aaaaa 1445

```

```

<210> 3987
<211> 761
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (691)...(395)
<223> similar to gi9451 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3987
gggtcgacga ttccgcccc tttgggcttt ttttttggcc atccgcaaaa tgagtgattg 60
gatgagaggg cctttgcact cccttgacac tttatgtgat taattgcctc tttctgaacc 120
ccagacctca ggtccccttc accttgccct taaaacagga aggagtggga ctggaggttg 180
tggacgggga gggaaaacct gagttggggg tggggctcca ggatcctctc ccaggtcttt 240
tccctggctc cataacattc ggtcctctgg cccctcaac gctctgtccc ctgtttccct 300
ctgcccaggc tctgggagcc agatagagca ctccctgggtg ttggtgctgg caacaccacc 360
tgctgcagct accaggcctt ctttctcctg ctccaggtgg aatacctgct gaaaaaggta 420
ctcagcagca tgagcttgga ggtgagcttg ggtgagctgg aggagcttct ggcccaggag 480
gccaggtgg cccagaccac cggggggctc agcgtctggc agttcctgga gctcttcaat 540
tcgggcccgt gcctgcgggg cgtgggcccg gacaccctca gcatggccat ccacgaggtc 600
taccaggagc tcatccaaga tgtcctgaag caggtcaggc aagctgggaa ctagggggaag 660
cacacaaggt gcagggcgaa ggggggcctg ggaagcctct gacgtaactc cggctggcag 720
ggctacctgt ggaagcgagg gcacctgaga aggaactggg c 761

```

```

<210> 3988
<211> 1333
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(677)

<223> similar to gi2088844 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3988

tttcgtacca	tgggcagtga	gcagagctcc	gaggccgaga	gccgacccaa	cgatctgaac	60
tcctcagtga	ctccttcacc	agccaagcat	agagccaaga	tggatgatat	tgtggttgta	120
gctcagggct	cccaggcctc	acggaacgtc	agcaacgata	ccgatgtcat	caagttgcaa	180
gagattccaa	ccttccagcc	ccttttgaaa	gggtattga	gtggccagac	ttccccaaca	240
aatgccaaat	tggagaaact	ggactctcag	cagggtgtgc	agctctgcct	ccgatatcaa	300
gatcacctgc	atcagtgtgc	agaggccgtt	gcttttgacc	agaatgcttt	ggttaaacga	360
atcaaagaga	tggatctgtc	tgtagaaact	ctgttcagct	tcatgcagga	gcgccagaaa	420
agatacgcca	agtatgccga	gcagatccag	aaagtgaacg	agatgtccgc	catcctccgc	480
cgcatacaga	tgggcatcga	ccagactgtg	cccctgctgg	acaggctcaa	cagcatgctg	540
cccgagggcg	agcggctgga	gcccttcagc	atgaagcccg	accgcgagct	caggctgtag	600
ctgccgcccg	gcctgcctgg	ggctgggagc	cccagacacc	gacaccctga	ggacgtgtgg	660
agctaagggtc	atatcatctg	accagggtctg	gaggctggcg	ggaggctccc	tgaaagtggg	720
tgcgaaggag	tccggctggc	atgaaaatct	gactttgccc	agctcttttc	cttgatgcag	780
gttcccagtg	tggaaggaa	ctaaccagtt	ctcgggtgata	actgaagctg	gaacgtgtga	840
attattagga	attctttgaa	gaactctgca	ttgagaatta	tttttattta	gttttttttt	900
tttttaattg	agagtatata	gtccagtcca	ggtaccggaa	taaaaatatg	gagacaaggg	960
gaaaaatatt	tacgaagctc	tgtgttctca	acgcccctcat	gaacttttca	gtaggctgtc	1020
tggtttatgt	gtgggtcaact	tgaaaaacta	attgaatcta	ggtctctgta	ttgttcctgt	1080
ttctaccctg	actgtttccg	tcacaccaag	cccttatctg	gggcgcgtct	tcctgcccag	1140
gtggaacact	ggcattttgt	tgactgtcag	gttaggtgtc	ccttagtcgt	catcagaagc	1200
tgaagccttc	ctttccacac	cctcatcaga	ttcatctcca	ctgataaccg	gtttccttga	1260
tgacagacata	gttttagctt	ctttgactgc	agagatgtct	cattccacag	acatttcttg	1320
aaccatttg	atg					1333

<210> 3989

<211> 878

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (136)...(816)

<223> similar to gi202676 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3989

cggggtcacc	caagcccttg	tgcttgtcaa	gcgtcttcgt	tttcacaaca	tcgtagattc	60
tttctttgaa	gcctaggcgt	tgatgggagc	tgtctggagc	aggggtcccc	agcccccagg	120


```

ccgcagactg atactagtcc atgacctgtt gggaaactggg ctacacagca ggaggatctc 180
taccaccagt cctatgaatg cgtttgtgtc ctcttcgcct cagtcccaga cttcaaggag 240
ttctactctg aatccaacat caatcatgag ggcctagagt gtctgaggct gctcaatgag 300
ataattgctg attttgatga gctgctctcc aagcccaagt tcagtggggg ggagaagatc 360
aagaccatcg gcagcaccta catggcagcc acaggcttaa atgccacctc tggacaggat 420
gcacaacagg atgctgaacg gagctgcagc caccttggca ctatgggtgga atttgccgtg 480
gccctggggg ctaagctgga cgtcatcaac aagcattcat tcaacaactt ccgcctgcga 540
gtggggttga accatggacc cgtagtagct ggagttattg gggcccagaa gccgcaatat 600
gacatttggg gcaacacagt gaacgtggcc agccgcatgg agagtacagg agtccttggc 660
aaaatccaag tgactgagga gacagcatgg gccctacagt ccctgggcta cacctgctac 720
agccgggggtg tcatcaaggt gaaaggcaaa gggcagctct gcacctactt cctgaacaca 780
gacttgacac gaactggacc tccttcagct accctaggct gagattgcac tcgccttcta 840
agaacctcaa taaagagact ctgggggtgtc tggagccc 878

```

```

<210> 3990
<211> 433
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (344)...(118)
<223> similar to gi4262296 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3990
ctccagaaag ggaaaacagc acggtgaagg ggagcatcaa atctgtcttg ctacttctgc 60
atgaaggaaa tgaagggtca tgaaaaactt gtccatgggc caggggtggaa ggaatggtgg 120
gggaccagat tccatcaaga ggccccatgt aaatggaagt tgctgttgca ggctggtatt 180
gggcttgcaa ggtcatctat aggtgaaatc attataatct agaagatata aacttaatga 240
gagtggtaaa aaggcaggga ccaaatagta aaagaagaat gatgaggaat aaaggtccaa 300
ggaatgggag aagccaagtg atttttggaa accaaccagt aaagggtttt gcccagtttt 360
gattactttg agaaagtata tgctagctca ctttggctat cacttatatt tgcatttcat 420
gtccaatata atc 433

```

```

<210> 3991
<211> 1046
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (11)...(757)
<223> similar to gi3012097 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3991
ggcacgagtt ttcaaagact aagccaagtc caagactttg gatttcattg atgtgcttct 60
gctgaacaag gatgaagatg ggaaggcatt gtcagatgag gatataagac cagaggctga 120
caccttcattg tttggaggcc atgacaccac ggacagtggc ctctcctggg tcctgttcaa 180
ccttgcgagg caccagaat accacgagcg ctgccgacag gaggtgcatg agcttctgaa 240
ggaccgcgat cctaaagaga ttgaatggga cgacctggcc cagctgccct tcctgaccat 300
gtgctggaag gagagcctga gggtacatcc ccagctccc ttcatctccc gatgctgcac 360
ccaggacatt gttctcccag atggccgagt catcccaaaa ggcattacct gcctcatcga 420
tattataggg gtccatcaca acccaactgt gtggccggat cctgaggtgc tgccttcccc 480
attcaccacc accaccccca tcctctactt ttgtgtgtgt gtgtgtgaat tccaagggtc 540
ctagtggagg gggcaggggt ttgatgagga aaatccaaca tcacctcacc ccaaaacaca 600
cacaagtgtc tctccaaggc tgctggacat aggaaatccc actggcaaac cttttttgtc 660
tcacctgcag gtctacgacc ccttccgctt tgacctcagag aacagcaagg ggaggtcacc 720
tctggctttt attcctttct ccgcagggcc caggtaagag cgccctgtgt ctgaggcagg 780
gatgggatga tgggtgcggg agttaaaaaa agggggacgt tgcagatggt ccagttcca 840
gctctccttc cctccattcc ttacagttt atgggaaaac gtccatagaa tggggatgag 900
tagcgtccta gaggggtccg cggagtgtc aaaatcccct tctccatctg ctggtctgag 960
ctgggagctg gagtcaggcc cagtctccgg gacatacaag cccacatggg agtcccaggc 1020
acgcttagtc tttctctctc tctctc 1046

```

```

<210> 3992
<211> 596
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (281)...(39)
<223> similar to gi4902474 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3992
tttaacacca gactatcacc actttaattc tcctccctgg ccctaactac tgaatTTTTT 60
attaaagcca taagctgcga tggaacctaa cctctgtgcc cttcaatgt ggaacatgtg 120
gtcatcaaag aagatgtggg gccgatctt caccaagatg ggacttttgg gggctccagc 180
aaggaaaaga gcttcgtcta tctctagacc ccagcgtcga agggctttca gcacacgggc 240
gcctgaactg gctgcactcc tagctgtaac cagccatcat ccatggaaag tccagattag 300
cctcctggat ggatttgtga gaagcagagc ctctcctcca agccagagaa gccattgtgt 360
accagctcgc cctattagca taccatgtgc ccaggagtaa acagtgccca gagatgctct 420
ctgcaccaca ccaccactgc tggggtcggg gagcggagtt ggtgatccag gaatgttttc 480
ctgtttcttc agtgctctt tcagtatat gaagttaaaa ccagggacac aggagagaa 540
taagctgaca ccaggagaca cagctgacac tggggagaag tggatgaagc agcatc 596

```

<210> 3993
 <211> 786
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (783)...(593)
 <223> similar to gi4835575 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3993
 tttttttttt ttaagaccct catcaataga tggagacata cagaaatagt caaaccacat 60
 ctacaaaatg ccagtatcag gcggcggtt cgaagccaaa gtgatgtttg gatgtaaagt 120
 gaaatattag ttggcggatg aagcagatag tgaggaaagt tgagccaata atgacgtgaa 180
 gtccgtggaa gcctgtggct acaaaaaatg ttgagccgta gatgccgtcg gaaatgggtga 240
 agggagactc gaagtactct gaggcttgta ggagggtaaa atagagaccc agtaaaattg 300
 taataagcag tgcttgaatt atttggtttc gggtgttttc tattagacta tggtagctc 360
 aggtgattga tactcctgat gcgagtaata cggatgtgtt taggagtggg acttctaggg 420
 gatttagcgg ggtgatgcct gttggggggc agtgccctcc taattggggg gtaggggcta 480
 ggctggagtg gtaaaaggct cagaaaaatc ctgcgaagaa aaaaacttct gaggtataaa 540
 ataggattat cccgtatcga aggccttttt ggacagggtg tgtgtggtgg ccttggtatg 600
 tgctttctcg tgttacatcg cgccatcatt ggtatatggt tagtgtgttg gttagtaggc 660
 ctagtatgag gagcgttatg gagtggaaagt gaaatcacat ggctaggccg gaggtcatta 720
 ggagggctga gagggccctt gttaggggtc atgggctggg ttttactata tgataggcct 780
 cgtgcc 786

<210> 3994
 <211> 2278
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2279)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (520)...(800)
 <223> similar to gi5901651 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3994
 ctatttgggg acccccggtt tttcccgctc ccccggttgt taaaaccggt cccgtgaaat 60
 taattttggg ggccccaaaa aaaaagtttt accttgccag gccggggaag ttaaattgga 120
 tcctttaaaa cgcccccccc tttttttttt ttttataagg ataagcaagc ttttattccg 180

tcaagagaac	aaaggtcagg	acttttatcc	tggtgggggg	atggggagtc	cagattcctt	240
ctctgatgag	gcaaaaaaag	aatcaagact	cctgttcaag	taaagggcag	agggtgagag	300
ctagtactct	tattctagaa	aggaagtaga	tacttttctt	tgataaagga	atgaacggta	360
gactcctagt	ttgcagaaaa	ggtgggaaa	atgtgacttg	tactttggta	aggagatagg	420
gaaggaatta	aggctattac	tctgaagaaa	gttggggggc	cagggctcct	atttttttgc	480
tgaggagatg	gaagatcagg	gcttgtattc	aataagaatg	ggagggggcca	ggggatgcct	540
ggcaaaaagcc	ttgcactgtg	aggtgcaggt	agaggctttt	attctggtga	gaggacatgg	600
actctctctc	tcccctcagg	taactgtgcc	ctgtaccagc	ggggaggctg	gtggtaccat	660
gcctgtgccc	actccaacct	caacgggtgtg	tggcaccacg	gcggccacta	ccgaagccgc	720
taccaggatg	gtgtctactg	ggctgagttt	cgtgggtggg	catattctct	caggaaggcc	780
gccatgtcca	ttcggcccct	gaagctgtga	ctctgtgttc	ctctgtcccc	taggccctag	840
aggacattgg	tcagcaggag	cccaagtgtg	tctggccaca	ccttctttgt	ggctcagtgc	900
caatgtgtcc	caacagaactt	cccaactgtg	atctgtgacc	ctgggcgctg	aaaatgggac	960
ccaggaatcc	cccccgtaaa	tatcttgccc	tcagatggct	cccccaaggtc	attcatatct	1020
cggtttgagc	tcataatctta	taataacaca	aagtagccac	agaccgtgtc	tggtttgat	1080
ctgcacctgg	caggggtcac	tccctggggc	cgccctctc	gtcctccacc	tcctcctctt	1140
cctcctcctc	ctccttcagg	tcctccagga	tgaggttgtc	caggtcttcc	aggaggccac	1200
cctggctcaa	gcaggtggcc	acagtggagc	cactgcta	gtgaggggtg	ctgggggtgga	1260
gcactttggg	caggtgggtc	tgcttccggc	tcttgggggtg	agcacaggat	gtcccaggca	1320
cgtggggctc	tcgcccgttg	tagcagtcgg	cagctgagca	ggagtgagtg	tgggtgctgc	1380
ggcgaatccg	gtcccgggtc	cagcgcgggg	ggaggatccg	tggtggatac	acggggaagc	1440
cgcacccgta	gcaggggggac	ggggacccca	tctgtgcccc	gcccctgggg	gcgggcaggg	1500
ctgtgagggg	ccgagggcgga	ggctggggcca	gggtggggcc	agggcaggga	ggggcagggc	1560
tggggtaggg	cagggctgag	ggggagctgg	gggtcagcgc	cctcaccgga	agttgtgccg	1620
acacttcggg	cagtggaaact	cagccaggcc	ccacatcttg	tcagctggca	ctggctcgta	1680
gcgcttcggg	catttcgggc	accgggatac	ctccttcgc	tggggcacgc	ggcgccacca	1740
gacgtggtcg	caggaggagc	aggcaaaactg	ccggtccaca	gcagggataa	ggtcgtcctg	1800
ggcacgttga	aacatgcgta	ggttggtctt	tgctcagtg	aggagggagg	tcgccactgc	1860
ctgaatgttc	cggctcctgct	tcataatctt	tggtggatcc	tgggcatcca	gatcgttact	1920
tagttcttgg	ccatcttttt	gctttacccc	gtacacgatg	gagcgcccca	ctcccgtgtg	1980
gtcgtgccc	aatttcctca	tcagagcccc	cgcttcttg	gaggataacct	tcocatgaaa	2040
cttctcccgg	aggcgccgga	cgctcttctc	cagctccaca	ccttcctgag	acatggtggc	2100
ggcggcgcag	ttccccgcga	gggtccgcac	tgcgcggtc	agccgcccc	ctacctgggt	2160
gcgcccgtcg	gtccagcagc	cgcgccaggc	agggggcggt	gcctcggggc	cggctgantt	2220
ccncgncntg	gccagggtca	tcaaagggtat	caaaacngcc	tctnctggtc	atgctgct	2278

<210> 3995

<211> 1307

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (182)...(736)

<223> similar to gi244774 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3995

ggcggaattc	agagagtgag	accctgtatc	aataaagaaa	gaaagaaaga	aaagaaacag	60
aaataaactt	aggacacagc	agacggccca	tcctgagggt	accacatagc	agatgctggg	120

accttttttc	agggtggacgc	cacatgacct	ttccttttga	ggcatccatg	ctgatgttca	180
caaggcacac	agcattttcag	ctgaagaaaag	aactggcagg	attttcatca	cgaaggga	240
ctgtctatcg	tttatgaaaa	tgaagcatat	gaagtaaaag	tttggaaca	gatggaatta	300
aatcttctga	cagatttttaa	aataagatct	aaaaaagagc	aagacatgct	cttggaatggg	360
gaaacttaaat	atcagaaaaaa	tgtcaattttt	cccatttttt	ccatataaat	ttaatgtaat	420
tcaaatccca	ttaccaacag	ggtgattttt	taaaaaacta	gataaaatga	tctgaaagat	480
tatgcagcag	aataaatgcc	caagaattac	cagggaagac	tggaaaaaag	actgctgtgg	540
gggttttgcc	ttcctggaaa	taagaccata	ctgcaaagtc	actgtaatca	gatcaatatg	600
gcattggcag	aggactagac	aatggaaaagg	aatggagaat	acaaaaataa	gtttcaggat	660
atatgagaat	gagatatatg	ccaaaggtag	tattttgatt	cggtgggaga	agggcagact	720
gtgaagtaag	tgggtaccagc	cacaactgaa	tatccatctg	ggataaaata	aaattgcact	780
cgtcttagag	atccaaatca	acttcagatg	gattaaaact	ttgaatgtaa	aaaacataaa	840
tgactaacag	tcctgcaaaa	tatcttgagg	acaacctgtg	ccatctggag	agtgggaaga	900
gcacatgcaa	aggccaagggg	gtggagcagc	ccagcatggt	ctggaaaagg	tagggctccc	960
caaggctggg	atgatggtgg	agacctgggt	gtgtgggagc	acaggggtgg	gggcccggtg	1020
gccaggaatg	cacagagagg	ggctggtgct	ctgccgcagg	cccaagcccc	caaagcccgg	1080
tcattcccag	caccatcttc	acgggtttct	gccaggtct	ttctgctgca	tctcttcctc	1140
ccccgattcc	ttaatcatctt	tttttaaaat	cagttcatgt	ctttgtaaac	caaattatctt	1200
ctaaaaggca	aatttatatt	actgccgaaa	tcaagggtca	gtgagctagt	tgtgtatgtt	1260
ctgaatcaca	tggaaataaa	tgcacgaac	attaataagg	aaaaaaa		1307

<210> 3996

<211> 1020

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (33)...(345)

<223> similar to gi4589582 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3996

aatcgaaac	tgtaccaact	ggcggaattc	caatccctga	gcgctatgtg	gagctagatc	60
ccgaagagcc	accagcctt	gaggagctgc	aggcgcggtg	ccgcaaagcc	gagaagatcc	120
gcaacatcct	cgcccgggtca	agcatgtgca	acctacagcc	gacctcaggc	caggaccaga	180
acagtgtggc	tgacctggac	ttgcagctgc	aggagcagga	gcgcatcatc	aacatctcct	240
acgcccctggc	ctccgaggcc	tcccagcgta	gcaagcaggt	ggcagcccag	gcagtgactg	300
acccgtgacc	cagcatgcaa	agaagcctgg	agccaggggc	ccagtggaac	cagcttcctc	360
caaggagatg	acctttctgc	ccccaaaggaa	accccttcca	gctgagcagg	gaatccggcc	420
ggaggaagga	gcagcttacc	gactgcgggt	gttcaccaca	ggccaggccc	taatatgcac	480
ccactagtgtt	agctcagact	cctctctaca	tatgaatggc	aaaggcactt	ttgatataca	540
ctgtaaaata	cactgtatctt	tagaatcgga	atctatcttc	taatgttccc	ctcaagggtc	600
gagtggcagg	aagggttgagg	atgcaggact	ttgcagctgc	acgtacagat	tcagggtactt	660
ctgggtgaca	ggtgttgtgg	gggcagggaag	ggcggggcaa	gccgaggcta	gtccaacttc	720
caatgacctc	aggagaaagt	gagattttaa	gagggtgttc	cagtagactc	cagcaagagg	780
ctggtttggcg	tgctgtctgg	gagaagaggg	gcccttggct	gcagagatca	gctgtccctg	840
acctgatgac	cagctctgtg	tgaactcca	cgaggatcac	acgtggagcc	caagtctgtg	900
ccttgcccct	tgggttttggc	ttaagggcaa	cagtgtgttc	aagaggactg	gggcccacaa	960
cctgccccca	ggcttcctcc	agcaaaaggc	ttttttcttt	ctgacagttc	tagatcgcga	1020

<210> 3997
 <211> 1095
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (19)...(7)
 <223> similar to gi3172339 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3997
 ggctgcagc agctgtcggc gctgcagcct gagccgggcg gggccccgct gcactcgctcc 60
 tggaccttct ggctcgacag atccctccct ggtgccacag cagctgagtg cgcatacaat 120
 ctgaagaaaa tctacacagt acagacagta cagatatatt ggagtgtata caataatatc 180
 cctcctgtga ctagcctgcc tttgagatgt agttatcatt taatgagagg agagaggcga 240
 ccactttggg aagaggagag taatgcaaa ggtggcggtat ggaagatgaa agtccccaaag 300
 gacagcacgt ccacagtttg gaaagagttg ctgttagcaa ccatcgggga acagttcaca 360
 gactgtgccg cagcagatga tgaagtaata ggagttagtg tcagtgttcg ggaccgagaa 420
 gacgtcgctc aagtctggaa tgtaaagtc tcttttagtg gtgaagcgac tgtttttagaa 480
 aagatctatg aacttctgcc ccacataact tttaaagcag tattttataa accccatgaa 540
 gagcatcatg cttttgaagg tggacgtgga aaacactaat tgcactctgt aaagaattct 600
 ttgtcctttg ctgattgggt ttggaaacgg tcttaacagg agggagagtg aagagaagac 660
 ttgccgaagc cgatgctggt caatttagag tgggtttctg tccttgacaga tgggcaatta 720
 ggactcaaa gggcaggtgg ggtgggggga gattgtgttg gtttctaccg tcacattact 780
 tgctttttta aaaaaacaca cacaaaaaac tttttttttg gctttctaaa atctctgttc 840
 ttttactctt gatttttttt ttttttgccc gtaaaaaatc ctttatcccc ccaaataatg 900
 gttttcaacc cccccctttt attggggccc aaaaaagggg gttccccctta aagaaccccg 960
 gtggccccta ttaaaggaaa aatgccaaat cgggaaaaaa ccggttttga aaacccccct 1020
 tggccagggg gaacccttac ttggaaaaaa ctggtttttt aatttttggt gggaaacccct 1080
 ccttatgtcc gggggg 1095

<210> 3998
 <211> 1064
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (470)...(497)
 <223> similar to gi2352427 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3998
cgctcaagat ccttaactga atcccatctg caaagtcctt tgtgtcatct tgggtaacat    60
atgcagaggg tccagagatt agggcatagt cagtacaggg gacccttatt ccacctacca    120
gagaggggtcc agatgaggac tgggtgaggg gacgcagggg aagggctggc ccggccccta    180
ggaggtacca agtgctcagc tagtagcacc tgtcatggga tacagaaccg gccagcaggg    240
ctttgaagcc agggtcctag ggtcacccac cccaaccctt cctactccct tctgcaactcc    300
agactctgaa gaactggcgg cttcagcagt acagccacga ctcggcagac ccaggcatcc    360
tcgtgctcct ggctgcggg accatatcca gcacctgcgg ccaaatagcc ccttaccgcg    420
tggccctggg ccggacccgc atgcaggcac aaggatttca tcatgttgcc caggctcatc    480
tcgaactcgt ggggacaagg aattggccag ctttcagcct cccaacgtgc tgggattaca    540
gccggtgggtc atgccatgag caaccttatg gagaggacca tgtggtaagg aactcagcca    600
atagccatgt aactgagctt ggaagaggat cttgctgtcc tggccaacat ctcaactgcaa    660
ttctatcagt tgaattccct ggatagtcca agctttgtgg atccctccac cgaaacaact    720
ggatcccagt acctgaatcc tgaatcttag actcttatac ttcaaact gatcacggga    780
acagccggct cagcagctcc tgagttccta atgctcagaa catggatgag atgataaatg    840
tttgttgtgt taagctgcc aaccttgccg ggggggtaat tcgtcacatg gcaacagctg    900
gctaatacat atatacctac atgtaaaaaa aaaaaaaagg ggcgccgtt taaaaggaac    960
aaagtttact taccgggcg tgcgagtga tttttttt atggggcccc cttaaattaat   1020
ttcccgggccc gtcttttaac aacgtgggga ggggaaaacc cctg                    1064

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<210> 3999
<211> 1567
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (544)...(1001)
<223> similar to gil657464 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3999
cccacgcgtc cgctccaggc tcttgaggtg cctcatgctg gctaagttct ctctgggctc    60
ctccaggggt tctgtgtgct cttggagggt cctctgctag tgggtggctaa ctagagagtc    120
agcagggggg tgactgggaa agagggagag gtgatgttgc ctgctactcc cctccttgcg    180
gaccctcata ccacatgacg tggcggcgtg gggccaggaa ctagggaagg cagaaggcgg    240
gcgcagtggg cagctctctg ggctcagctt gctgaggggg cctcctgtcc tggctctttc    300
tgggagacct cattcttctg cccatgttcc tgccctcacac attccccgtg atgaacgtg    360
tgggcggggc ccggcctgtg cctcagtcac cacagctcct ctagtgtacc tgccccgtgg    420
gaaccccatg tggaaagagc cctcagaact gacaggaatc agggacagag gcccttgctg    480
tcagcctcct gggcacctgc acctgccagg cctctctttc ttaccagccc agtgctgctg    540
ccaaaatcca gggctatccc agctgcccgg gaccccagtt gagccgggat attttgtctt    600
ctggagatgg ctggtgggca ggccctcagt gtcacatag ggtctgcggg ggtcctgggg    660
tgcaggtggg gctcctcagg gaagagccat agtctgtccc caagtcggaa gggtaatctt    720
catcttctct cacaggagcc acaaacact gtggtacaca acgctacaga tgggatcaag    780
ggctccacag agagctgcaa caccaccaca gaagatgagg acctcaaagt gcgaaaacag    840
gagatcatta agattacaga acagctgatt gaagccatca acaatgggga ctttgaggcc    900
tacacgaaga tttgtgatcc aggcctcact tcctttgagc ctgaggccct tggtaacctc    960
gtggagggga tggattttca taagttttac tttgagaatc gtgagtgggt tcgtgctgct   1020

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```

gatatactcc tgctgcccc ttaccctt tgtctctgtc tcctgctcac cttctcatcc 1080
cagttgcca cttttccctt atttgacctt cgtgctgcac tcctactctg tatgcttgtc 1140
cccttggtgcc ccgatgggtg tagacaggca cctttgaagg ccctgctcct gagctccaag 1200
tgccattcat tctgcagctg ctttgtggca gtgccagtca ccacaatcaa gctcacttat 1260
ttcttgccgg gcgcggtggc ttacgcctgt aatcccaaca ctttgggagg ctgaggctgg 1320
cggatcacga ggtcaggaga tcgaggccat cctggctaac acggtgaaac cccatctcta 1380
ctaaaaatac aaaaaattag ccgggcgtgg tggcggtgcc tgtagtccca gctactcggg 1440
tggtgaggc aggagaatga tgtgaacctg ggaggcagag cttgcagtga gccaagatca 1500
ggccactgca ctccagcctg ggcaacagag caagactcca tctcaaaaaa aaagaaaaaa 1560
ttatttta                                     1567

```

```

<210> 4000
<211> 1273
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1239)...(731)
<223> similar to gi733558 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4000
cccagcccg cagaggtgtct aactgagtgt aaggtaaaat gctcaaggga agcggctgcc 60
ccccccccc cgtttcagga gtccccccgc cccccccgtc ttcttcggtt attgggcctt 120
ttattatggt tgtgttgggg tcctgtaaag aaaatatata ttattataa aataaagtta 180
gtttcatgaa gagagtagaa aaataacact atgagctact aaaaaagttg tggaactcag 240
tctccgagga ttggggtgag aggcctttcac atcactctgg aaaccacca acatgaggct 300
ctccgtgctc atgtgggaca ggtatagcac agctcgtaca gggagcatgt ggctcaggct 360
ctgcttgaag cccaaggagc ctagatgggt cacacgagat gctctggcca cggatgatcaa 420
ggaggagaac ttgaggtcag caggggactg gttctgagaa ggggcaggat ggggaataacc 480
ttgccccctc ctatactgga gtgtagaaga gtctcttggg ctgatgggtc tggtttagaa 540
gatggtaccc actggcctta tgctgagttg cttgcccata tgtctgtgct gaagaaaagc 600
cacacagcct ttctcaggac aacttgcccc accaattctc actggtgtgg cttaaagtacc 660
agaagcaata tgtgtggtgt cagcctgatg ggctgctggc tgaaattctg tacttcaaatt 720
cgtgtccata ctggagaaaag cagccaagggt gagcacctca agtaaaagct ctgagccaca 780
gaagaagagc aagatgccat tcatgatggc ttccaggcgg agtacgtagg tctgcagcag 840
caggtaatag gaggccatca tggcagatgg gaaggtcaag gccacgctaa tactgagtgg 900
catctttcgc tggcagaggt ttccctttgt accaaaaaac aggcgaatta cttcaattcc 960
aagataaagg aggagcatca ccacatccag tactaggtta gctgttggat atggttagcag 1020
gacaccttta tacagaaata tgaaaagttc cagcaggaaa taggtagcat tataaccacc 1080
gttcagaaag aacaggattt ccagcggggt ggaggacaac cgtttacctc cggaatctca 1140
cctcgcggcg ccattcttcag tcccgtggc agcatacgct gccacaccgg ctcccgagc 1200
agcgcggcgc tgccggaaac agggacgaag cggcctgggt ttccggcccc tctgcccgcc 1260
cgggacactc tgg                                     1273

```


<210> 4001
 <211> 728
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (724)...(317)
 <223> similar to gi2117196 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4001
 ctttccacac catggtccaa gggaagggt gacctgtctg aagagtcccg cccacttgta 60
 ggatgagacg tggaaaatat tgttgctgta acttaaaaaa caagaccagg ggggttggt 120
 gggagcaccg gccagcaggc cctgctgagc ataaaccccc tccactggag aaggcgtggc 180
 ccctgccacac ctggaccctt ctggaaatga gggaagtgt aacagcagtg cccatcccac 240
 aagcattaaa ctcgggaggt ggagactctc cagcagaaag ctgggcagca gagtggtcct 300
 gcccctcggc ccacaaaggg ccttggccga gcatgggcat gcctgggtgtg tgcccactgg 360
 ggtccatccc tgccagtggg gttccaggga cctcggggac cgggctgctt gggcccttgg 420
 actctaggtg agccgtgaga gcgggctggg gcaggcggag cagctgcctg cagggcaggg 480
 acacggtcag gggctacctc ccggacaccc tggcctctcc acaggcagct atccatgatg 540
 ctgatgctgg cgcagtcaaa cccgcagctg ttcgcgctta tgggcacccg ggcaggcatc 600
 gccagggagc tggagcgtgt ggagcagcag tctcggctgg agcagctgag tgccggcagag 660
 ctgcagagca ggaaccaggg ccaactgggt gactggctac aggcgtacag agcccggctg 720
 ggacagga 728

<210> 4002
 <211> 1397
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (8)...(589)
 <223> similar to gi1522683 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4002
 ggacagagt aaggcagggg cttccatcgt tggcgtgaac tgccgctttg ggcccgagac 60
 cagcttgaag acgatggagc tcatgaagga gggctcttgag tgggcagggc tgaaagcgca 120
 cctcatggtg cagcctctgg ggttccacgc gcctgactgt ggcaaagagg ggtttgtgga 180
 tctcccagaa tatccctttg gactggagtc cagagttgcc accagatggg atattcaaaa 240
 atacgccaga gaggcctaca acctgggggt caggtagatt ggcgggtgct gtggatttga 300
 gccctaccac atcagggcaa ttgcagagga gctggcccca gaaaggggct ttttgccacc 360
 agcttcagaa aaacacggca gctggggaag tggtttgagc atgcacacca aaccctggat 420
 tagagcaagg gctcgaagg agtattggga gaatctgctg ccagcttcag gcagaccttt 480
 ctgtccttcg ctgtcaaagc cagacttcta aggagtagtg aaagaaaacc ctgaaataat 540

```

cgaacaggaa aaagttgccc tcaagcctga cctggaaccg ttcctcacct tcatcctcac 600
catgccctgc tatctccagc tgctgagcag ctgagggtgt gcagcccctt cccttccagc 660
ccacaagtgt gtgcatattg agctcctgct gtggttaagc actgcaacag actctaccag 720
agatgcaaag agaagcgaga gaggcacctt gttctccaag aacttactgt ccaatcatgc 780
tgtggtgcat tcctttgaag atcatgaaga atagccaaac ttgtctttga gggatgaattt 840
gacactttta aataatcaga agtcactgag acccaaagct agtgaataat tcaagtgact 900
aagctagata cttgaggatg atagagcaac actaaactaa agcaatgagt ctgctttttt 960
taatgattta tacaatgact ccaaaggcaa tcccaaagaa aagatgtaaa gaatgttttg 1020
agcaatggta gcattattga aataaatgtt taactatcca aagtgattac tttcaaagat 1080
gatttttact taaagatatt aggtctggcc aggcgaagtgt actcacacct gcaatcccag 1140
cactttggga ggccgaggcg ggcggatcac ctgagggtcag cagttcaaga ccagcctgac 1200
caacatggtg aaaccctgtc tctacaaaaa tacaaaaatt agccgggcat gatggcgggt 1260
gcctgtaatc ccagctactc gggaggctga ggaggagaa tcgcttgaac ccaggaggcg 1320
gagcttgacg tgagccgaga tcaggccatt gcacttcagc ctgggtgaca gagtgaagact 1380
ccatctcaaa aaaaaaa 1397

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```

<210> 4003
<211> 857
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (820)...(593)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 4003
ttttttcaca aattataata ttttattata gaaaaagggt gcccaaatac aggatttcgt 60
aaacactggg aggtgaacaa gtgcaatttt aaaagtaaata acaaagtaga ggcaaaacct 120
acaagcattt tgccttcaga agaaaatcgt aatgttctcc tgcactagtgt atccccacca 180
gaacacaaat gtggctccat ctcccatgaa agcatcatat ttgctttctg agctcagtat 240
tcccatattca ataattgcaa agtgatggca agaagtggca ctgaatacat tactacaaac 300
ccttgactta aaatattgag acaggggtctt gccctgtcat ccaggctgga gtgcagtagc 360
gtcatcatgg ctactgcag cctcatcctc ctggggtcaa gcaatcatcc tgtctcagcc 420
tcttgagtgg ctgggaccac aggtatgcac taccatgtcc atgcctggct atttttttta 480
ttttttacgt tgcccaggcc agtctgaaac tcctgacctc aagtgatcct cccaccttgg 540
cctcccaaag tgctgggatt accggcatga gccactgcac ccagccaaaa cctttaattt 600
ttttttttct tttttgagat ggagtcttgc tctgttgccc aggctggagg tgggagagct 660
gccggaagga cttatcacag taggagcagt ggtagggtct gacgcccagg tggatgcgca 720
ggtgctgggc caggtaggag gcgttggcaa aggacttggg gcagtgcggg cacttgtggg 780
gcttggcctc tgtgtgcgac ttggagtggg tctgcatctc tgacttggtg aaaaagggtca 840
gtgggcatac cttacct 857

```

```

<210> 4004
<211> 2919

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(514)
<223> similar to gi2347100 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4004

attaacctag	gaaatacatg	ttatatgaac	agtggttattt	aagccttggt	tatggccaca	60
gatttcagga	gacaagtatt	atcttttaaat	ctaaatgggt	gcaattcatt	aatgaaaaaa	120
ttacagcatc	tttttgctt	tctggcccat	acacagaggg	aagcatacgc	acctcgata	180
ttctttgagg	cttccagacc	tccatgggtt	actcccagat	cacagcaaga	ctgttctgaa	240
tacctcagat	ttctccttga	caggctccat	gaagaagaaa	agatcttgaa	agttcaggcc	300
tcacacaagc	cttctgaaat	tctggaatgc	agtgaactt	ctttacagga	agtagctagt	360
aaagcagcag	tactaacaga	gacccctcgt	acaagtgcg	gtgagaagac	tttaatagaa	420
aaaatgtttg	gaggaaaact	acgaactcac	atacgttggt	tgaactgcag	gagtacctca	480
caaaaagcgg	aagcctttac	agatctttcg	cttgcccttt	ggccttccta	ttctttggaa	540
tacatgtcat	gtcctgactg	cagccaatca	cccagtatac	aagatgggtg	tctaatacaa	600
gcctctgtac	ccggtccttc	agaagaacca	gtagtttata	atccaacaac	agctgccttc	660
atctgtgact	cacttgtgaa	tgaaaaaacc	ataggcagtc	ctcctaataa	gttttactgt	720
tctgaaaaca	cttctgtccc	taacgaatct	aacaagattc	ttgttaataa	agatgtacct	780
cagaaaccag	gaggtgaaac	cacaccttca	gtaactgact	tactaaatta	ttttttggct	840
ccagagattc	ttactgggtga	taaccaatat	tattgtgaaa	actgtgcctc	tctgcaaaat	900
gctgagaaaa	ctatgcaaat	cacggaggaa	cctgaatacc	ttattcttac	tctcctgaga	960
ttttcatatg	atcagaagta	tcatgtgaga	aggaaaattt	tagacaatgt	atcactgcca	1020
ctgggttttg	agttgccagt	taaaagaatt	acttctttct	cttcattgtc	agaaagttgg	1080
tctgtagatg	ttgacttcac	tgatcttagt	gagaaccttg	ctaaaaaatt	aaagccttca	1140
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cactctggta	tatcctctga	aagtgggcat	tactattctt	atgccagaaa	tatcacaagt	1260
acagactctt	catatcagat	gtaccaccag	tctgaggctc	tggcattagc	atcctcccag	1320
agtcatttac	tagggagaga	tagtcccagt	gcagtttttg	aacaggattt	ggaaaaataa	1380
gaaatgtcaa	aagaatggtt	tttatttaaa	gacagtagag	tgacatttac	ttcatttcag	1440
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aaacagcata	gtactaatgg	tttaagtgg	aataacccaa	ccagtggact	ctggataaat	1560
ggagacccac	ctctacagaa	agaacttatg	gatgctataa	caaaagacaa	taaactatat	1620
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aaatatctat	ctttttattt	tcattagacc	cttatacttc	aagagaacac	actcagtgtc	1920
tgtttttatt	ttcttgacac	atttattaac	aaaatgcac	atggaaaaaa	aatctacctc	1980
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tcagttttac	tgaacaaaaa	atgtaattta	tttagcattc	ttataaaaag	aattgatgct	2160
agaggtaaaa	aaaaataactt	gttttttaaaa	aatcctttac	gtcttggtga	attaccccat	2220
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acaaaattta	tcaagatata	gtacttttca	gtttttgttt	agtgctttca	gcatcactgt	2340
gtctgtattt	caagtacaaa	tgtttttaaa	aaggattctt	tatacatatg	tgctgaattg	2400
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tatagtattt	ctaattgttc	aaggatttta	aaattctatt	tcaggaggta	tatcttctgt	2520
ggttttgaag	gaggtgagtt	ctgtatgtgc	cttgcagtac	tgtaattcaa	aaataggaat	2580
ctttggctgc	aaaattttta	tgaaatgtta	ggaagtaatt	ttcgtgctaa	cattaaaatt	2640

ataacttttt	gaaaggtaat	agattttcca	gaagtaaaat	ctgatgggtc	taaatcaatc	2700
aatgtgatag	ttcattttta	actcttagaa	gaattcagag	gaaattaacc	cagctaagta	2760
aaaaatctgt	cttgattttg	ttacttattc	ctcagaatat	taaacattga	tcacatattt	2820
ttagagtttt	acatttgggt	tttttgtttg	tttgtttcag	tcatatgttt	ggcactgttg	2880
tttctatttt	cgtagtttta	gataaaatgt	taaaatgcc			2919

<210> 4005
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (644)...(770)
 <223> similar to gi307095 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4005						
gactgaggta	ggagaatccc	ttgagcccgg	gaggcagagg	ttgcagtgag	ccgagaccac	60
accattgcac	tccagcctcg	gtgatagagt	gagactccat	ctcaaaaatg	atacagaagt	120
tatatccttt	ttttgttttt	agacagtctt	gctctgtcac	ccaggctgga	gtccagtggc	180
tcaatcacag	ttcactggct	cgctgtagcc	tcaacctcct	gggctcgagt	gatcctgcag	240
cctcagcctg	ctgagtagct	gagactgcag	gtgcacacca	ccatggccgg	ttgattttat	300
tacttttagag	ccagggctctc	actgtattac	caaggctggg	catgaatttg	taaaagattt	360
tcaaaggaag	gaaggaatga	cttaccacga	gtgagcaaca	gttttgggta	aactgatggc	420
attcacacta	cttgtaattt	cctcctaggt	gtgatctgtg	ttttattttg	cactttaaat	480
gaagctacct	tatcgagata	agtcttcccc	atggtgtcat	aggctggcat	cacagcttta	540
tggttaattg	cagcccagat	tatacgaggt	cccccatgcc	atgtagatgg	gatgccactt	600
gtatgtagca	tttccagtc	ctctctcctg	acctttcccc	ccagataatg	aagggttctgg	660
aagcaaaagg	cccaaggtgg	agtattcaga	agaggagatg	aagaccacac	tcagcaaggg	720
tacgctgcgc	aagttccctg	tgcccgtgtt	gaaataggca	aaacgggaat	aatgggtgcg	780
gnggcgtgt						789

<210> 4006
 <211> 2314
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (16)...(1070)

<223> similar to gi3860741 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4006

ggaattcgcg	agaagcgctg	cagttactgc	aacttcaaca	agtacatccc	ttttcgctg	60
gattaggctg	ccatgcagaa	gtgtctgggtg	accgaagctc	atacgctgct	gcggctcagc	120
ggggtgcaac	gggtggagtc	tgtgttcttt	ggtgggggga	ccccagctct	agccagctccc	180
cacacggtgg	ctgctgtcct	ggaggctgtg	gcacagacag	cccacctgcc	tgcagacttg	240
gaagtcacat	tggaggctaa	tcctacttca	gctccgggct	ccagactggc	agagtccggg	300
gcagcagggg	ttaacaggtt	gtctataggc	ctccagctccc	tagatgacac	tgagctccgg	360
ctgttgggac	ggacgcactc	ggcctgcgat	gctctgcgga	cgctggcaga	ggcccggcgc	420
ctctttcccc	ggcgcggtgc	tgtagacttg	atgctggggc	tgccggcaca	gcaggtgggg	480
ccgtggcttg	ggcagctgca	ggaactgctg	caccactgtg	atgaccacct	ctccctctac	540
cagctgtccc	tggagcgggg	caccgcactc	ttcgcccagg	tgcagcgggg	tgcccttcca	600
gcccctgacc	cggagctcgc	agctgagatg	taccagaggg	gccgggctgt	ccttcggggag	660
gctggcttcc	accagtatga	ggtctccaac	tttgcccgga	atggggcgct	cagtaccac	720
aattggactt	actggcagtg	tggtcagtac	cttggcggtg	ggcctggggc	ccatggacga	780
tttatgcccc	agggggctgg	aggccacacc	cgggaggctc	ggatccagac	actggagcct	840
gacaactgga	tgaaggaggt	gatgctgttt	ggccatggca	cccggaagcg	tgtccccctg	900
ggcaggctgg	agctgctgga	ggaagttttg	gccctggggc	tacgcaccga	tgtggggatc	960
actcaccagc	actggcagca	gtttgagccc	cagctgaccc	tgtgggatgt	gtttggagcg	1020
aacaaggagg	tgcaggagct	gctggagcgg	ggcctactgc	agctggatca	caggggtctt	1080
cggtgttcc	gggagggctc	ggctgtgctg	gactctctct	tgttgacctt	cctgcctcag	1140
ctccaagaag	cctggcagca	gagaaccccc	tcccctgtgc	caggaggatg	acaaaaatgt	1200
tcttgtgttc	cagggtaatg	ccaggtgggt	tttgagagct	gggtcggtac	tgcagacatc	1260
tcttctccgt	tgtcgggtgc	cgtctctgct	ccttgtgggt	attgctcagc	cctggcatcc	1320
ccaggggaat	ggcagcagtg	aggtagatgg	gaggacattt	ctggtcaggg	aactggcatc	1380
ccattcagca	tctcaggact	cacaggccaa	catgtgttcc	atggctggga	attgcctacc	1440
accacatca	gcttctgttt	accttttttg	catcaaataa	tgaacagtgt	ttggaaatct	1500
ttctacaggc	aattacctcc	ccaagagaag	ccttccttat	tttgagtaaa	ggtcctaaga	1560
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gagaaagcca	gtagcaactg	tgagaaatca	gcaacttgca	ggaggcacag	aaaactcctg	1740
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aagtgcctct	cattagtggg	ctttaagca	aatcctggct	ggcaggaaat	tctgaggaat	1920
atagctctta	ggcttccagc	ctctaccatg	caggagagaa	cacagaagga	ctgatgtatg	1980
ttggtggatc	catgtatgtg	tccagcacag	cggcctgctg	gactctgaga	actgggaaag	2040
atcagagcaa	gccttgccctc	ttatcttcgg	gaaaccagaa	tatgtttggg	gtggtaggag	2100
ccacacagac	tcttctgagc	cccctcactc	acttcccttc	ccctgtgcct	ttcctttgag	2160
agtgaagggtg	ggtggagttg	accagagaaa	ggggagagaa	ttcgggaaag	acccaaagtg	2220
tttgaatttc	ttctttgtcc	ttttacctac	agaaatggtc	acatggttct	atttaaatag	2280
cctaataaac	acatctggag	cctgaaaaaa	aaaa			2314

<210> 4007

<211> 2098

<212> DNA

<213> Homo sapiens

<220>

```

<221> misc_feature
<222> (1)...(2099)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1)...(1514)
<223> similar to gi5689535 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 4007

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aatggaggtg ggagttttaa taactattcc tctcccatcc catcgactcc agcaccacgc      60
aggagggacc ctcagttcag tgttcctccc actgccaaaca caccacacgcc cgtttgcaag     120
cggtcctatgc gctggtccaa cctgtttaca tctgagaaag ggagtgaccc agacaaagag     180
aggaaagccc cggagaatca tgctgatacc atcgggagcg gtagagccat cccattaaaa     240
cagggcatgc tcttaaagcg aagtgggaaa tggctgaaga catggaaaaa gaaatacgtc     300
accctgtgtt ccaatggcat gctcacctat tattcaagct taggtgatta tatgaagaat     360
attcataaaa aagagattga ccttcagaca tctaccatca aagtcccagg aaagtggcca     420
tccttagcca catcggcctg cacaccatc tccagctcta aaagcaatgg cctatccaag     480
gacatggaca cggggtcggg tgactccata tgcttcagcc ccagtatctc cagcaccacc     540
agccccaaagc tcaaccgcgc cccctctcct catgccaaata aaaagaaaca cctaaagaag     600
aaaagcacca acaactttat gatttgtgtc gccactggcc aaacgtggca ctttgaagcc     660
acgacgtatg aggagcggga tgccctgggtc caagccatcc agagccagat cctggccagc     720
ctgcagtcac gcgagagcag taaaagcaag tcccagctga ccagccagag cgaggccatg     780
gccctgcagt cgatccaaaa catgcgtggg aacgcccact gtgtggactg tgagaccacg     840
aatcctaagt gggccagttt gaacttggga gtcctcatgt gtattgaatg ctcaggtatc     900
cacgcagtc ttggccccc cctttcccg gtgcgatctc tggagctgga tgactggcca     960
gttgagctca ggaaggttat gtcattctatt gtcaatgacc tagccaacag catctgggaa    1020
gggagcagcc aggggcagac aaaaccctca gaaaagtcca cgagggaaga gaaggaacgg    1080
tggtaccgtt ccaaataatga ggagaagctc tttctggccc cactaccctg cactgagctg    1140
tccttgggcc agcagctgct gcgggccacc gctgatgagg acctgcagac agccatcctg    1200
ctgctggcac atggctcctg tgaggaggtg aacgagacct gtggggaggg agacggctgc    1260
acggcgctcc atctggcctg ccgcaagggg aatgtggtcc tggcgagct cctgatctgg    1320
tacggggtgg acgtcatggc ccgagatgcc cacgggaaca cagcgctgac ctacgcccgg    1380
caggcctcca gccaggagt catcaacgtg cttctgcagt acggctgccc cgacgagtgt    1440
gtatagtatc tgttttattt gactgcagtc tccttgggtg aaaaacaaaa tgggaaaaat    1500
aaggataact cagaatttca aaaggaaatc acaaattcag ctaataatag cattttcagt    1560
acttttcgta aactaagtaa atacacaaaa tgttgatttt tctgaccata agacgtattt    1620
tatgtccttt tgccaaggtg gatttgttag tctcaggccc tcctggccac attgcccaag    1680
tcacacaggg ttctgtatta tgtatttaga taaaatgtgt gaaaatatat ttgaaataaa    1740
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atcccttggg gggcccaatt ttccggggg ttggcaagtt tttatttttt tctttttggg    1860
gggcgttttt aaaccctctt tgggtttttt gggaaagaac cttttttttg ggggggggac    1920
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ggtaaagggg gaaaaccacc cccctttccc tgctgtttaa aaatgnngnn nnnnnnnnnn    2040
anaaccccc ctctcggggg gggcaatggg gccccccct ctttaaggag atagagct    2098

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<210> 4008
<211> 1956
<212> DNA

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1957)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (516)...(741)

<223> similar to gi4589630 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4008

tttcgtgttt	gatgctggga	tcctcttgtg	gggggcgtct	gtcaacgtca	ccatttgga	60
agtgcgcaga	gctcagagca	gcgcttccat	gcttccttct	gcttgggggc	ccctccagg	120
agcttctttc	ttcttgctat	ctttttcttt	ctgttttctc	tcctcttccc	cgcaccttg	180
gaggcaggag	accacttg	tgggtgctgt	aagtggaa	cttgggtggg	gggcagggg	240
tgggctgggg	aggggtgctg	aaccggctgc	tgccacacct	cgtgggggct	gccgcgcagg	300
atgcctctgc	acacgggtcc	tgcagccttg	caagaggtgg	gcaggactgg	aaggagctgt	360
tcccacagga	ggatgatgag	ggcgccccgt	gcccagcaga	ggatgagctg	gccctgcagg	420
acaacgggtt	cctgagcaag	aatgaggtgc	tgcgcagcaa	ggtgtctcgg	ctcacggagc	480
ggctccgcaa	gcgctacccc	accaacaact	tcgggaactg	cacgggtgc	tcggccacct	540
tctcagtgt	gaagaagagg	cggagctgca	gtaattgtgg	aaacagcttc	tgtctctgat	600
gctgtcctt	caaggtgccc	aagtcctcca	tgggggccac	agcccctgaa	gcccagagg	660
agactgtgtt	tgtgtgtgcc	tcgtgtaacc	agaccttgag	caagtgagaa	gagaggccag	720
ggccaacca	ggcaccgctc	cttgggacca	gcagtagacc	ccccactctc	cccacccctg	780
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ttcctcactc	tctccagctg	gattctggag	ctgttctcca	tccatgagag	tggctggcaa	900
tggctgtct	caatcccttg	agggagaaga	gcccctggag	ggcctggcat	gtttgtcctg	960
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gggaattcca	gacctgaggt	tgggaaaaga	ggtttttctc	ctgcagggtg	ctgggccagg	1140
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taacaagacc	atgggtgctt	ctagaaacag	ggttgaagtt	cccagattcc	ctgagaggag	1320
aatgtgtata	ggagggtttg	gctgagtcct	tcagcgtaaa	gtggaggaaa	gcttggggaa	1380
gcccacaatag	ctggacagac	ctcagcctcc	cctcgaagac	acctcaattc	acagactctc	1440
agcccacaca	atgccccagt	gtccccagct	ccgctggagc	agctgcagg	cacttggatc	1500
acaacttctg	cacctctgt	ccagagtcta	gggcagtcct	ccactggccc	agcactccag	1560
tttcctttcc	ctgcctcttg	tccaatggag	tgggaggcca	ggtgagtgga	gcagagggtc	1620
tgaagccctt	gacccctggg	ggcctgggta	gtgtaggatc	tcgctgggct	gggtcctgga	1680
ttccagggct	attccctgga	ggacagtctc	agttatggga	taaggcccc	tgggggtctc	1740
catttctttc	caacagtttc	atgttacta	ctggactctt	acgggtcag	tatctctccc	1800
ttagccatga	gctggctcag	ggaatccctt	tcccttccct	ggaagcttgc	ctggctttct	1860
caagtattta	tttaattaat	tgcatggttc	ctggggaana	tgttggcana	agtnatggga	1920
tgangaggaa	atttgggggt	gggggtcttc	taacta			1956

<210> 4009

<211> 1524

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(441)
<223> similar to gi2143260 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4009

gaaatggtac	tcttttcatc	atggtgatgc	atatcaaaga	tcttgtgagt	gattacaaag	60
aatgatggtt	gtagaggaaa	cccttacctt	ggtaggaagc	attactatta	agggactgct	120
ttttttttta	ggttactgaa	aatggagctg	acccaaatcc	atatgtcaaa	acatacctac	180
ttccagataa	ccacaaaaca	tccaaacgta	aaaccaaata	ttcacgaaaa	acgaggaatc	240
cgacattcaa	tgaaatgctt	gtatacagtg	gatatagcaa	agaaacccta	agacagcgag	300
aacttcaact	aagtgtactc	agtgacgaat	ctctgcggga	gaattttttc	ttgggtggag	360
taaccctgcc	tttgaaagat	ttcaacttga	gcaaagagac	ggttaaatgg	tatcagctga	420
ctgcggcaac	atacttgtaa	actagtgaat	gtctgagctt	tggaagcatg	aacagttata	480
aacgtgcatg	catacatgca	cacacacaca	gacacacaca	cacacacttg	ttaattttgt	540
atagtatttt	tatacttgga	cagaacttat	aaagttaaata	atacttgctg	catttcaaca	600
catctgttgg	accaacagtc	acataactaa	cctttttgaa	tttttggaag	ccattgctgt	660
tttaaagtca	ttatgtagaa	tgctacaaac	cctaaactta	atatatacta	attcctgaaa	720
aagactttga	gacagtacta	tgctcagttc	gccacctatt	ttgcattggt	ttctataagg	780
aggcaaagca	tatgtgtttt	cctgttatgc	acctttttata	gcctttacca	ctgtgtaatg	840
ttcacaaaaca	ccaaagttaa	ggaaaaatgc	aggatgttac	cgtaaaatcc	agctgctatt	900
catggagctg	aaaaacaaaag	cacaaataat	agatagctaa	gttaagaact	actaagtagt	960
ttatagaagt	agggaaaaac	gtaatactgc	tttttattca	tgtctttaaa	gcctttttca	1020
gaataagtgc	caatcactga	tggtgtaaat	aatgggtgct	taactttata	tgcttccctg	1080
gcacttcggt	tctgattttt	ttcctgattt	gataaataat	tagtacatag	ttttcactca	1140
cttgacgctt	actaaagaca	agaaattatg	tacatgtact	aatgtttttc	ccacaaaaaa	1200
atcctttact	tctgatgtat	gaattagtta	tctaaatagt	taagcctaata	acctgaataa	1260
gactcaccaa	tgtgattgta	caataaatcc	tatcattcca	ttaaaatcct	acattttattc	1320
ccaggaatgg	taatttcacc	tccctacatc	tatactccac	tccctcagta	aataagtga	1380
aattgttaac	ccatgtgcc	attcctgagt	agggcagact	cttcacaaga	ggcccatgac	1440
aagaattcta	gggtccagat	tgaactttta	tatagacctt	tgtctgtgta	gaccagtttg	1500
tcttgtaaac	tgtcttactt	atgt				1524

<210> 4010
<211> 1399
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1348)...(584)
<223> similar to gi2072425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


```

<400> 4010
acgtggaatt cccacacag actgggtgta gaagtgtagg taaaaagtgg actatggata    60
gcttatgaag gatccaatct cttgggaaga caaatcctac tcaggcctaa tgagatccca    120
aactggacag cattcagcag atggaaaaca attggttccc tccgtcctat gaagcagcct    180
gcagtgtaca tcagaataaa gaaccgtgcc cagggtgaat atctgacagt cactggaagt    240
ctagcagaca ccagggaac atctgtgtgc atttctccct atagtggaaa gaatactcag    300
atctggtact actgccgagg actctttaa tccaaggcca gtgatacatg tcttgatgtg    360
attggtggcc gggacacacc tggagctaaa gtagctctat ggactgaaca tgggcaattc    420
aggcagaagt ggagactgaa taaaatgga actatcagct cttatctcag tgatcaactt    480
gtccttgatg ttaaaggagg aaattattgt gacaagactc atgtaattgt aaatcagccc    540
ctggagggag aagaaacaca gaaatgggac attgaaatat tgtgagagaa tcaacatccc    600
tagaaagatc cctagaaaaga gcaaagaagg aaacacatct gtcattgtct tgtggacgtg    660
gaaaggaagc tactgtcctc acactcctgg atcactgagc agaatgaaca ttttctccag    720
cctctgagac tatcgctctt aaccatggaa aagctcaaaa tattcttgcc attactcagt    780
gttcctataa agaaaatatt atgatatctt ggaaagggtt tattcctgat ctccagctgt    840
ggtgagcaag tttcctgaag tgtttatttt ctctcatatc caccaaactg gaatcctggt    900
cctgatggcc cgttattgga cactggtgta ggctattatc ctgtattatt tattaatatc    960
ctacctagat gcttgatga gtacaaagca taaagaaaca gatttctata ggtcaagtca   1020
tacttttgca aacagatgat gagtaatttt ttagcaacac ctgaaaatat actaaacttt   1080
cctagataaa ctttaagggt tctatactga ggcttttata atgaacgcac ctcgtaagt   1140
atltatactt gtaactaacc ccaggcaggg acctcagctt tgttaggaat aaggcacaag   1200
aagtattttt tgtagctatt gtttcctcag tccttcaaac taaaaaagta caaataaata   1260
acctatggcc aaacttgcac tgttacgtgt taaccaagac atccctttag gtgacaagac   1320
tctataacag tggttacctg tctccatggt gacacttcat cctagattta aggagaggca   1380
tcaatttttt ttttttttg                                     1399

```

```

<210> 4011
<211> 1248
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1205)...(974)
<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4011
ggtgagtagc tgtgcgaatt cggttctcta gggaactcct tcttcgcctg ctggccttac    60
ctgggctccc cgcttctctg gaggggaggc ggtgcgggaa ctcccgtagg cgtgagctgg    120
agegcgcgcc cgctgctctc tccaggctcc gccgcgccag ttcgcctccg caaagcccg   180
ccctctcttc cgcaggcacc atgttctcta ctgcgtcctc ctggcgcggc cgcattcccg   240
gccgtcagtg gatcggaag caccggcggc cgcgggttcgt gtcgttgccg gccaaagcaga   300
acatgatccg ccgcctggag atcgaggcgg agaaccatta ctggctgagc atgccctaca   360
tgacccggga gcaggagcgc ggccacgccg cgggtgcgcag gagggaggcc ttcgaggcca   420
taaaggcggc cgccacttcc aagttccccc cgcatagatt cattgcggac cagctcgacc   480
atctcaatgt caccaagaaa tggtccta atctgagtcgt cacccttgga ttttatggat   540
cacggagctg accatcttta cctggctcgt gaactgaaaa actgtagctt gtgtgaaaat   600
gagccttttg accagtcttt attaaaacaa acaaacatga gtagtctgca tatcgaatat   660

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ctagagctct	aaacccccca	atacttaaaa	ggtctaattg	cctgtcctgt	ggtttcatta	720
gtctgatacg	aagataggga	tttcctcagt	cacagatgat	attttgaagg	aaagctggca	780
ataaagccac	aatgatttga	ggtctttgct	taagtatgag	atacttgatg	ggggctttat	840
catgcaacat	tagtttgctt	accttaagaa	ttgcccaaaa	atgaaagaaa	atatgagctt	900
ttcagttaaa	catactccta	aaaacatttt	ccgggatttt	actactaaaa	ttggacattt	960
aagcgaagta	aaagaggccg	ggtgcggtgg	ctcacgcctg	taatcccaac	actttaggag	1020
tccaaggcgg	gcggatcact	tgaggtcagg	agttcaagac	cagcttggcc	aagggtgataa	1080
aacccgtctc	tactaataca	aaaaaaatta	gctgggtatg	ttggtgcagg	cttgcaatcc	1140
cagctacttg	ggacgctgag	gtgggaggat	cgctgaacc	tcagaggcag	aggttgcaat	1200
gaagcggagg	ttgcagtgag	ccgagagcat	gccgctgcac	taccagcc		1248

<210> 4012
 <211> 831
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(418)
 <223> similar to gi2204215 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4012	
aaaagattac	ggcctgagga tagcttcatg agtgtttatc caatgcagac tgaacatcat 60
caaacacctc	ttgattataa cacgcaggta acatggatgt tagctcaaag acaacaagag 120
gaagcaaggc	aacagcagga gagagcagca atgagctatg ttaaactgcg aactaatctt 180
cagcatgcca	ttcggcgtgg cacaagccta atggaagatg atgaagagcc aattgtggaa 240
gatgttatga	tgtcctcaga agggaggatt gaggatctta atgagggaat ggattttgac 300
accatggata	tagatttgcc accatcaaag aacagacgag agagaacaga actgaagcct 360
gatttctttg	atccagcttc aattatggat gaatcagtag gttaaattta aatgtaccct 420
aggattgcaa	aatcagaagt ataggcagtc tctcagtttg aggttgaaga cctggggcag 480
catactgaga	atagatgaaa acagctggat gtgagaaaaa gaggcaggca ggcaggattt 540
cagtgggagg	ggaagagagt gctgcaatag tggttgacaga ttagaaaagt acttttgaat 600
cctggctgac	tgggacttga atattaagga atttgactg ttcttccagg tttgtactgt 660
tcttcaatgg	gttgccatt gaaagatttt aaataaggta atggcatgat cagaattgtg 720
tttcagaaag	atttccttga catttatgga tgggacagaa tgaatgaggg gcgtcatata 780
aaggcatggt	gaaaaataat gagaacttga ccaaaggctc acgcggccgc g 831

<210> 4013
 <211> 458
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(145)

<223> similar to gil407780 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4013
tccttttgtt ttcagaagtt tcttttggggg caactacatt atattcactg aggaagagga 60
gcagctaagc aggaagatga tgaagtactg ggccaacttt gcgagaaatg ggtgagacag 120
cacacccttg cctcaacctc cccgattggg ggacttgtgc ccatccagtg ctctcctagt 180
ctgggggtgac ctcatgagca caccgcacatc cttcatcaca tgatggcccc ttccccagct 240
ccgggaccca ctacagacagg gtgggggtgc gtggggcagt ggacacgctc tatctctcca 300
gtctacctgg aggggtgggcg ccagtgtgtg gccaccgtca gggcctccct ctacagagaga 360
gggacacaac agagctggct ggcctcccc aacccccact ggtgcgtgca ctaaccagag 420
ggagcttatt tacttggtct tggagcgctc ccactcac 458

<210> 4014
<211> 479
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (478)...(197)
<223> similar to gi487853 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4014
ggaattcgcg gcaggtggga cgagccccac agccccctcc tcaaaaacga ccacctccag 60
gactcagtga tccctggggg gcaggctctg ccagccctcg gccacacgtg gctccggcac 120
ccatgggtccc agtgcccttg atggagacgg ccagttcttg cggccagatg tgggtgctctg 180
gaatccagtc ccatttcctt cctggccacg cctgtccagc ggcctcttca gccgcattca 240
gcccctactt acctggggac cccggctggg gcacgagagt accagggggg tagggcccaa 300
agggatcagg ggaagcctct ggcctggagg gtatggggca cgcttcccca agggcggacc 360
cggcaggagg aagcccagga gctgggtcct gccgccagg agctggggcc tgccaccag 420
gccgggctag ggacatggca gggcctgggc atactgacgc tggacttgag cgacctggg 479

<210> 4015
<211> 1029
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1028)...(800)
<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4015
catttttctg cctattcact gtttttattt tttagtggga agataagttt ttactctttt 60
taatcagtag ggtttgatt ttggagatgg ctgtcatatt caggtcagag gcagttgact 120
tggtgctgat gcttgtttca gcttgtttct ttccattttc ctccagagta aagaaaagat 180
tgaaaaacta aaactccaag ctgaatcctt ctgccagcgt ttggggaaat accggatgcc 240
ctttgcctgg gcaccataa gcttatcaag cttcttcaat gtctccaccc ttgagaggga 300
ggtaactgat gtggactctg tgggtgggag aagctcagtg ggtgaacgga ggacattggc 360
ccaatctaga aggcctttctg aaagagccct ctccctggag gaaaatgggg ttggatccaa 420
cttcaaaacc tccactctga gcgttagcag ctttttcaag caggaaggag atcgcccttag 480
cgatgaagac ttattcaagt ttttagctga ctacaaaaga tcatcatcct tacagagacg 540
agtcaagtca attccaggct tgctaagact ggagatttct acagctccag agatcatcaa 600
ttgctgtctg actcctgaaa tgctgcccggt gaaacccttt cctgaaaacc ggacacgccc 660
gcacaaagag attttggaat ttccaacacg agaagtatat gtccctcaca ctgtgtacag 720
gtaagaaaca caggctcggg ctgggcgtgg tggcttacac cataatccca taactttggg 780
aggccgaggc aggaggattg cttgagctca ggagtttgag accagccttg gcaacatggc 840
aaaaccgtgt ctctacaaca tatacaaaat ttagctgggc atggtggtgc atgcttgtaa 900
tcccagcaac ttggcaggct gaggcaggag aatcgcttga acccaggagg cagaggttgc 960
agtgaacca gattgcacta ctgcactcca gcctgggaga cagaaccaga ctctgtctca 1020
aaaaaaaaa 1029

<210> 4016
<211> 1907
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(1322)
<223> similar to gi6002189 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4016
attctgccac acctagcttg ctttcataag cagatctgat tccagatgtg atgccccac 60
aagccttggt tcatgatgac gatgagatgg aaggcagatgg agtcatagac ccagggatgg 120
agtacgtccc accccctgct gggtcagtag cttctgggccc agtgggtggg ggcagaaaga 180
aggtcagagg ccctgaacag ataaagcagg aggtagagag tgaggaggaa aaaccgaca 240
ggatggatat tgacagtga gacacagatt caaacacatc tttgcaaaca agggctagag 300
aaaagaggaa gcctcagctg gagaaggaca caaagccgaa agagcccagg tatactcccg 360
tgagcatcta cgaggaaaag ctgctgctca agaggctgga agcttgctccc ggtgctgttg 420
ccatgactcc ggaagctcgg agactgaaac gcaaactgat tgtcagacaa gcgaaaaggg 480
ataggggatt accacttttt gacttggatc aagttgttaa tgctgctctt ttgttagttg 540
acgggattta tggagccaaa gaaggaggaa tttccagact tccagctgga caagccacgt 600
acagaaccac ctgtcaggac ttcagaatcc ttgaccgata ccagacttcc ttgccgtcca 660
ggaagggatt tcgacaccag accaccaagt ttttgtatcg cttggttagga tcagaagata 720
tggtgtgga ccagagtatt gtcagccctt atacctctcg gatcttgaaa ccttatatca 780

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ggcgtgatta tgaaacaaag ccacccaaac tgcagctcct gtcacagatt cgttcccacc 840
tgcacaggag cgaccctcac tggacgccgg agcccgcgc acctctcgat tactgttatg 900
tgcggccaaa tcacatccca acgatcaact ccatgtgtca ggagtttttt tggcctggca 960
ttgacctgtc tgagtgtctg cagtacccag acttcagtgt tgttgttctt tataaaaaag 1020
tcatcattgc ctttggcttc atggttcctg atgtgaaata caatgaagct tacatttcat 1080
ttctgttcgt ccacctgaa tggagaagag cagggattgc aactttcatg atctatcatc 1140
tgattcagac ctgcatgggc aaggacgtaa cccttcacgt ctcagcaagc aaccccgcga 1200
tgctactgta ccagaagttt ggattcaaga ctgaagaata tgtattagat ttctatgata 1260
aatattaccc attggagagt acagagtgtg aacacgcatt ctttctgagg ctccggcgct 1320
gatgcgaata cagctcacag agaaacgcat gtgctatttg agaacagggtc tttgtggaga 1380
tctaaaggca gtgattgatt tcacagggag ctctaattctc tgtgattaca tggtccttca 1440
aactcccaac caaagtgaga aaagcggcat gcagtgaat gagcagtga cagcccttta 1500
gcaaaatcgc cctccagtc ttcctggaga tgccttcagc cagcatccca gactccacag 1560
ttatttatga acgatgtcgt gatttctcct ccacctgaca gtttgtaaga gtgaaagagc 1620
atctaacctg atgctcttgg agagagataa cctgtctgtc ataacttaaa ggatgagaaa 1680
atgtggtgta gctattaaag attcatgcag tcccaaaaag cactgtcctg ggatgatgag 1740
agattataag gtgatttcat aaaaggaatc caacctgtg cccggccatt gatgtgttgt 1800
cattgaatcc aggaggattt ctagggcact gaagttttgt tgtttctttt gctgactttg 1860
gttacagtca gaaaaaataa actagatgtt tgtgtctaaa aaaaaaa 1907

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<210> 4017
<211> 721
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (15)...(709)
<223> similar to gil237256 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 4017
ggaggcagga ggttacagat gttaacaaag tctctgaggt cattcaagga aaagaagaga 60
gtccagcaca attttacaag ggactatgtg aggcctatcg tatgtatact ccctttgatc 120
ccaatagccc tgaaaatcag cgcatgatta acatggcttt agttagtcaa agcaccaaag 180
atattagaag aaagcttcag aaacaggctg ggtttgtgag tatgaatact tcacagttat 240
taaaaatagc cagtcagatg tttgtgagta gagatgtggc aggccgtaaa gagagccgca 300
aagaaagcaa gtgccaagcc cggcaaaaca cctatctgct agctgcagct attagaggag 360
ttccccgaa ggggccgagg aaggggggac cctgggaaaa aactcagtc tgaccaaccc 420
atgcctgcag cataaccag tgtgcatact gtaaagaaac agcgcatagg aaagacaagt 480
gccctagttt aaaagagaaa caaatggct ctgagccaga ggtttcaggc aaggatgaag 540
gggccttggt taatctagca gaagggttac tggactgagg gggaccgggc tcaggtgcc 600
ccaatgagcc catggtcaag atgacagtca ggagcaagga cattgagttt cctgtcaata 660
cttatcctga acattcagta gtaaccaccc cagtcacccc cttcctacct ccaagaataa 720
a 721

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<210> 4018
 <211> 1110
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (932)...(176)
 <223> similar to gi4980521 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4018
 tttttttttt ttctgtctg taaccatcag atttaatttt aaaattttatt aggcagtagg 60
 caaacagatg ttggggtaga tgacctaaaa gggttttctt ttggaataat atttttttaa 120
 aaatcaaata actgttatca ctttaagttg catgagcctg aagctgcacc tggagaggaa 180
 tttaattttc atgacatgca aaactgatta ggcagtgaac tctttcctcc cgcttcccct 240
 gaacacattt ataaacttca acgggggtga attccatcta atactttgaa aaccatttct 300
 catctcacag ttaccctaaa tcatgtgcat gactgcaaga ggaaataaac aagaaatctt 360
 taagcataga taagccacaa tggatagtta atcttgtaca gacaatccag cattaaggct 420
 aatttgatct tttaaacatt ttatgggaaa cagctgttga gttttctcta gaaaagccca 480
 caaggttcca taaccccata ggcatacagc ctgcagaggc agggctccat caggctcctc 540
 ttgaactggg cactccttca cggaaggcag gaatgcacgt gtcttcaact cctgctgctc 600
 tgcacgcacg tcacgatatc tggcagaagg tggtttctgt tttccttggg gacattaaac 660
 accttcacat cctttctgtt tctgatttct tctacaagag ccagtggctt tccttttagga 720
 actgggattg tgccaaggat tatagtccct ggggtagaca gcgtctgacg aacagcttga 780
 atgaaaagct gactgaagag ctccatcttc ccaatctcat cgatgacgca cactctttgc 840
 cctggggccac tgctgcagtc ggcatctctc aagacgggta gtgccaactg ctcaaaagaa 900
 gtcaggtcga ccacatactg cccaactcgg cattcacgtt ttccagggtg aggctctaac 960
 ctggggggccc cgtttaggaac acgtgccggg ccatactggt gggcgggggg aggggttgcg 1020
 gtcagggggag cagtccagggt tggggtcgca attcagggtc ggtccggacc agggtcgcga 1080
 ctcaggaccc gccaccgcc cacgtgccga 1110

<210> 4019
 <211> 1657
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1616)...(1258)
 <223> similar to gi1872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4019
 gcggaattcc ccctgcctgt cccaaggagc taattctgag cctgctccct ttctaagccc 60
 agagtccaga atgtactctg cctcagcctc tcacatcctc cacaagcatg gacatctggg 120
 gcatgagaag gcagttatgt gaggctgtaa gaaaggatgc tgtgtctata aatgaatccc 180

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ggtcctctca cacagcctgc cccccgcct caggaccccc ctgctaacct ccatggcacc 240
tcaaagacag gccctgggca ggggtcctga gctgggtttc aaccctccc cctaccatct 300
gcttggcaag atgatcagaa ctctctgctc tgcggctctg ctcccagtc ctgcttgag 360
agtgggtggg gctggggagg agcaggccga ggccagctgg tggcgcccag tacctttgcc 420
actctgactt cagctgctgg atgcgagcct cggactcctg tgtaggaaga agggacaaat 480
acaagaaata ctcatctcag aaattggtgt tccagagtag gatctgctgt ctgttagcgt 540
ctttgcttaa ccacaccct gcccaaggtc tcttgacccc tgcagcaaaa atcaaactgg 600
cctccttgtc aaagccctca tgagtctcgt ccatgtctga cacactgagg tatctgttca 660
cccacactca gcacatgcac accagcatga caggccgctg tgccctggca caccacaggg 720
agcccttgca cagctctcca actaagggtt cgggggtcaa acagagaagt cagaggaggg 780
cactcccctc cccatgcaac acccaaacag tccctttgga agggccgagg ggtccgaggt 840
gaacatggtg gatgggggtc ggacccagtc acaggccctg agtgccgcaa gcccgctgac 900
ctggggaggcc cggacgatct tcttgaagag gtcttctgag tcttgctgat gctctgctct 960
cagggcagac agttcttcct gtgagacggg agtgagagga caggttggac agagccatgc 1020
ttatagggac cctcatgact aggaagtggc ggaaactggaa ttcaaacaag gtctgtttgc 1080
ttccagagcc ctggctctca gccttctctg aaccacgcaa gactcccgtc tcagctccac 1140
tgcacacctc tgcggtgtca ggtaccatgc tggggctttc tactcgaca gctcactatg 1200
ggggtggggg agacacgatg gcctccatca aagaggagga aactgaggct tagagaaggt 1260
gaggaggcct ggcgtggtgg ctcacgcctg taatcccagg actttgggag gccaaggcag 1320
gcagatcact agaggtcagg agttcgagac cagcctggcc aacttggtaa aaccctgtct 1380
ctactaaaaa tacaaaatta gctggatgtg gtggtgcacg cctgtaatcc agctactcgg 1440
gaggctgagt gaggcaagag aatcgcttga acctgggagg cacaggttgt agtgagtcga 1500
gatcacgcca ctgcactcca ggctgggtga cagagtgaga tattgtctca aaaagaaaaa 1560
aaaaaaggaa aaaaggagaa ggggagtacc tgcaaaaggg caaagctgtc tgatcccaaa 1620
tgacacttgt tctctctgct gctgggcacc ttcacgc 1657

```

<210> 4020

<211> 1714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (203)...(273)

<223> similar to gi3115996 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4020

```

tttttttttt ttgacaagtt tgcaagtttt attgaattaa tggctggctt tcacagatgt 60
taatcactgg cgggcggttg aataggggga acaggaaaat gctctccaga ggttcccact 120
gaagcccttt catctgcctt gcccacacc accactgaag ccagaggcca tgggagttgg 180
gatctaacta cactctgtga acttaccacc accattcca tcccgaagcc catattttat 240
ttgggactag gccactgatg cccgggccct tcctcttcca gtagggtggg aggggtgggag 300
gtggggacac ggaccaaccc tcaaggaaag aaaagagggt aagggtgggg gttttgctga 360
atgtctaaga aatgtcagtg gaacagggtt ggggcacggt ggctcacgcc tgtaatccca 420
gcactttggg aggccaaggc aggtggatca cctgagggtc ggagttcgag accagcctgg 480
ctaacatggt gaaaccccat ctctactaaa aatacaaaaa ttagccaggc gtggtggcag 540
gtacctgtaa tcccagctac ttgggaggct gagacacagt ctgctctgtt ggcccaggct 600
ggatggagtg cagtgggtga atctcggtc actgcaacct ccgcctcccg ggtttaagca 660
aaattatcct gcctcagcct cctgagtagc tggattacag gcaggcacca ccacgtccgg 720

```

ctaattttttg	tattttttagt	agagatgggg	ttttgccatg	ttagccaggc	tggctctcgaa	780
ctcctgacct	caggtgatcc	gcctgccttg	gcctcccaaa	gtgctgggat	tacaggcgag	840
agccaccacg	cccagcctct	gcttcgtgag	ttttctttcc	cctgaggcac	cctctgagtt	900
ctccacgtgt	cagacccatg	tccaatgcac	cacgctcctt	ccttcacacc	atgaaagccc	960
cgaagtaaga	ccgggtacca	tcacgcagtc	gaaccaggcg	ttcatccagc	acacggacga	1020
ccacctcctc	cccagcctcc	aggtgtacca	caccacccag	gaagctgctg	tcccaccaga	1080
cccgggagct	gctgggtggc	cgccgcagg	gtgactgctg	gctgaccaac	agctccagct	1140
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gcgggcagcc	cacaccgccc	agctgcacct	tggagtagat	gtagtagtag	ccagcttttg	1260
tgaccacaag	ggccccatcg	tggtagctga	ggcccctcag	gaaggccagg	cccagctgag	1320
tctcccataa	cagcggcccc	ccgctgccgg	tcaagctgga	gttggccctt	gtgagatgcg	1380
ctgctgggtt	gacctcgtga	gaccttcgct	cttgatcag	ctgctcccag	gagcctgcag	1440
gtccgtcagg	caggcgggtg	accatctctc	ctagacgcca	gtgcagctgc	aggaggaacc	1500
agccttggag	ggccagccca	gcccccatca	gcaacagcaa	gagaccaga	cccaccggg	1560
ccacactgca	cgactgtctc	cggtggcttc	gtcccagcct	cgtgaatggg	atgtcgggtc	1620
gtccatccac	cacaaacact	gagggccgta	cgacactctc	ctccatgcc	aaggtctctg	1680
gagcagggct	gacacgcctg	ggtccttcaa	cctc			1714

<210> 4021
 <211> 2053
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (25)...(1055)
 <223> similar to gi545998 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4021						
tttcgtcgtt	tccggtggcg	gcggaggctg	cactgagcgg	gacctgcgag	cagcgcgggc	60
ggcagcccgg	gggaagcgtc	cgggaccatg	tctggagaac	taccaccaa	cattaacatc	120
aaggaacctc	gatgggatca	aagcactttc	attggacgag	ccaatcattt	cttcactgta	180
actgacccca	ggaacattct	gttaaccaac	gaacaactcg	agagtgcgag	aaaaatagta	240
catgattaca	ggcaagggaat	tgttcctcct	ggtcttacag	aaaatgaatt	gtggagagca	300
aagtacatct	atgattcagc	ttttcatcct	gacactgggtg	agaagatgat	tttgatagga	360
agaatgtcag	cccagggttc	catgaacatg	accatcacag	gttgtatgat	gacgttttac	420
aggactacgc	cggtctgtgt	gttctggcag	tggattaacc	agtccttcaa	tgccgtcgtc	480
aattacacca	acagaagtgg	agacgcaccc	ctcactgtca	atgagttggg	aacagcttac	540
gtttctgcaa	caactggtgc	cgtagcaaca	gctctaggac	tcaatgcatt	gaccaagcat	600
gtctcaccac	tgataggacg	ttttgttccc	tttgcgtccg	tagctgctgc	taattgcatt	660
aatattccat	taatgaggca	aagggaactc	aaagttggca	ttcccgtcac	ggatgagaat	720
gggaaccgct	tgggggagtc	ggcgaacgct	gcgaacaag	ccatcacgca	agttgtcgtg	780
tccaggattc	tcattggcagc	ccctggcatg	gccatccctc	cattcattat	gaacactttg	840
gaaaagaaag	cctttttgaa	gaggttccca	tggatgagtg	caccatttca	agttgggtta	900
gttggtctct	gtttgggtgtt	tgtacacccc	ctgtgtttgt	ccctgtttcc	tcagaaaagt	960
tccatgtctg	tgacaagctt	ggaggccgag	ttgcaagcta	agatccaaga	gagccatcct	1020
gaattgcgac	gcgtgtactt	caataaggga	ttgtaaagca	gagaggaaac	ctctgcagct	1080
cattctgcca	ctgcaaagct	ggtgtagcca	tgtcgttgag	aaaaatcctg	ttcaacctgg	1140
gttctcccag	ttacggaaac	cttttaaaga	tccacattag	ccttttagaa	taaagctgct	1200

actttaacag	agcacctggc	gtgggccaag	tgctgatac	tcccttacac	tgaatcatgt	1260
tatgatttat	agaaatacct	ttcctgtagc	ttttatagtc	attgtttttc	aaagacgata	1320
taccagccct	caccaggtt	ttaaaaaaag	cactggtagg	catagaatag	gtgctcagta	1380
tatggtcagt	aaatgttcta	ttgattatca	atcagtgaag	aaagaaatct	gtttaaaata	1440
ctgaattttc	atctcactcc	cattgcaaat	caaggagatc	tcagcagtga	actgggaaaa	1500
tacaaaagct	ctgggcta	ctataaaaaac	ttaccctgaa	atattaaggg	cagtttgctt	1560
ctagtttggg	gattgcgcta	gcccaatgaa	ggtgatgaag	cttttggatt	tggagggttaa	1620
aagctccttc	acaccccttc	caaaagtcag	tcacagacca	ctgcaacatg	ccttccctgc	1680
tgatcatta	tatacattca	gattgtgagt	ggattgcctt	ggttgacttt	taatttattg	1740
ttttttgttc	ttataaagat	gataatctta	ccttgcagtt	attgacttta	tattcaatta	1800
ttacatcaa	ataatgaaat	aactgaaatg	tacaaatgtc	aaattttggg	agtatattca	1860
ataccaatgc	tgtatgagt	ggctgaatcc	agttcattgt	tttttttttg	gtaagaagt	1920
agactacagt	tccagctacc	tacatgtctt	ttcttgtcat	ccttatagat	ctctttggct	1980
ttcagaaaga	tacagtgata	atccgtgtat	gaatcagtct	caatgaattt	aaattagata	2040
ttgaaaaaaa	aaa					2053

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<210> 4022
<211> 397
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(163)
<223> similar to gi854637 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4022	
cccagattgc	cctacaagca gagaagatga atcatcacc ggaatggttc aatgtataaa 60
acaaggtcca	gataactctc acctcacgta actgtggtgg actgatcaaa agagatgtga 120
agctggccac	gtttattgaa aaagcagctt cttctgtgtg atttcttcca aaatacatgt 180
aaaatcttac	acacatctta gctgcaacgt aggctgaagg caatttacgt gaacaaattg 240
agttgttctt	aaggcatcat ctctagaggc agaaaaaaa ataacaattt aagttatgta 300
aatttagttt	gcctttatat actatgtttt gtaaaatcag tgcttatata caaatgatt 360
aaacttgaaa	aaaaaaaaagt gagaccatgc tagtgagg 397

```

<210> 4023
<211> 2127
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(174)
<223> similar to gi1177607 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4023
cctgcctcag ccttccaagt aactgggatt acaggcatgt accaccatac cagctgattt 60
ttttgtattt ttagtaaaga cagggtttca ccatgttagc caggctgac ttgaactcct 120
aaactcaagt gatctactca cctcagcctc ccaaaatgct gggattacag atgtgaggca 180
cctggcctca gatttttgat actcttaaac cttctgatcc ttagtttctc tctccaaaat 240
actctttcta ggtaaaaaaa aaaaaggctc ttatatattg tgctatgtaa atgaaaatgt 300
tttttaggtt ttcttgattt aacaatagag acagggtctc cctgtgttgc ccaggctggt 360
ctcgaactcc tgggctcaag agatcctcct gtctgggccc tcgcaaagtg ctaagtagga 420
ttacaggcgt tagccaccac acccaggctg taaaaatgta cttattctcc agcctctttt 480
gtataaacca tagtaaggga tgggagtaat gatgttatct gtgaaaatag ccaccattta 540
cccgtaagac aaaacttggt aaagcctcct gagtctaacc tagattacat caggcccttt 600
ttcacacaca aaaaaatcct ttatgggatt taatggaatc tgttggttcc ccctaagttg 660
aaaaacaact ctaagacact ttaaagtacc ttcttggcct gggttacatg gttcccagcc 720
taggtttcag acttttgctt aaggccagtt ttagaaaccc gtgaattcag aaaagttaat 780
tcagaaattt gataacaga attgttattt aaaaactaac tggaaagatt gttaagttct 840
ttctgaatta ttcagaaatt atgcatcatt ttcttcaag aatgacaggg tcagcatgtg 900
gaattccaag atacctcttg acttctctc aagctccgtg tttggtcagt ggaggcccat 960
ccgagctcag cactgagaag tgttagtttc tttgggaccc atctaccctg accacatcat 1020
gatgttcac tgcagctgtt gcaagggtgt cagattgtat aaacataaat gtcacaaaaa 1080
ctttaaaaga agtgcaattc tcaaaagggt aggtggacta aagcattctg taaagcaact 1140
gctaataatg agcttacagt ggatttgaat ttgaaaaata tagtaacaag cctgtcaaat 1200
atctgcaaga actatggaat aaaactactg atgcagtga gacagttgaa aagatcaaac 1260
aaatgccaag ctatatttat aatgaacaaa ttcaagaaaa aggactacgg aaagttcagg 1320
acatcaaaga agtcaggcaa aactcatctt gaccctgtt gcaggcaaag gaacgcagct 1380
ggaagaaaag atgatataac agttaacagg atgcagacat ggcagagggt tcctaaaaat 1440
ctcattatct ataaccattt ctatatttac atttgaaaat ctcttttggg gacttagaac 1500
ctctaaatta ttgacttatt ttttatataa ggtcactccg atgaaagggtg attacaaaat 1560
catctacatt gctgtctaca aaacagataa tatggatgtt tgatcgcatc tcattgttaa 1620
ctctttactg atatgtttgt aaatacagaa gtgaaatgtg gacataaaat agttacgcta 1680
tttggttaat ggtactagac aacatgtaat taatgacatt caaaaattta tggctagtga 1740
tatatataaa gtaaaatttt ctttgcagta aaatatgccc tttattatag aaggagggat 1800
ataaggaacc aacagtttgt atgaaaatag ctcaataat atcttttatt ttgattttta 1860
tatttcttat tttggtttat tagtgtctta gaacaaaatg gccttatata atgaagccta 1920
gttatgctgg actgttttga tctcttttaa ttgttctgac agatagttgg ggatgagagc 1980
cgaataaggt ttgcctgaaa taactgacac tatataattt ctgctttggc aaatactaag 2040
ttctaacttg tcattcctgg tagaacaagc tttatttttc gagcctagca atgatctaga 2100
agcagatggt atctcagtc cttttgc 2127

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<210> 4024

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (52)...(338)

<223> similar to gi204175 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<220>
 <221> misc_feature
 <222> (630)...(134)
 <223> similar to gi4240227 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4026
 tttttttttt ttacaaaatg tgtatatata tagctttgca caaatatattt aaagacaaat 60
 tcagctagtc taagaacttc atgaaaataa aacaggtgga taaatacttc atgtgcacaa 120
 tgcactccat cagacgtcgt cggctgggag aggaggtatg ttgataccttg gccttgtgaa 180
 gaatgctatc ttctccctaa aggtctgcac ttggatgggc tctttgtggc tctgcccacg 240
 cagctggtag atctccttgg aggccttctt cagcatcttc tcagccgcct gctcatgacg 300
 gtagtcaagt ttggtctgtc ttgtctgccg ctccggcctcc cgcagcaggc cacggagccg 360
 ctgctcccga agcaccagg gtgggagggtc agtctggcca cggagctggg cgtcctccaa 420
 ccgctgccgc agctcacgga gggcgagag ctccctcattc agctgcctct gccgtgttct 480
 cgacgcctgg agatccagct ccaagtcag ggaggtgcgg gccatgagct cagccaggga 540
 agacctgcat gactgcaaga gacgccagct gtgagccctc actcaggcct tctagaaggt 600
 tcttccacaa ttaataggag acaggtcagg cacacgtatt tctctaagca cgccaaggt 660
 taaaaaacac agatgtgggc aagagaaatg taaatctcta gttcagtatc aaggtagta 720
 acagcaaatt gtttttcttt aatgatgacc tatgtattgg cagaaatgtg cagcaacaga 780
 tgctcttata tggggctggc aggatcaaaa atggaacaat ctttatgaag ggccatttga 840
 g 841

<210> 4027
 <211> 2109
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2110)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1036)...(685)
 <223> similar to gi4185944 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4027
 ctactctgt tggccaggct ggattgcagt ggtgcgatct cggctcactg caacctctga 60
 ctccgggtt caagcgattc tctacctca gcctcctgag taactaggac tacaggcgtg 120
 agccaccaca ccctgctaatt tttgtactt tttagtagag atgggtgccg agaccagctc 180
 cgtgtgcgga gaccagctcg gttgtggaga ccctaacca gcgttgctag aggaattaaa 240
 gacacacaca cagaaatata aagtgtggag tgggaaatca gggggctgac agccttcaga 300
 gctgagagcc tcaaacagag ttttaccac atattttattg acagcaagcc agtgataagc 360
 attgtttcta tagattatag attaactaaa atgggaaaca aagggatggg ccaaaacaaa 420

ggatatggggcc	ctgggctagtt	atctgcagca	ggagcatgtc	cttaaggcac	agattactta	480
tgctatgggtt	tgtgggttcag	gaaccccttt	aagcggtttt	ccgccctggg	gataggccag	540
ggtgttcctc	gctctcattc	cggtaaacca	cagccttccc	ancatgggcg	ttatggccac	600
catggaacat	gtcacagcgc	tgcagaggat	tttgtttatg	ggccagtttt	gggggcccag	660
ttatgtccag	at ttgggggg	cctattcccc	agcatatccc	ccttcttggt	tttgcagggc	720
aataaaaagca	aaggcagctt	tatcacggtg	agctacttct	cgcaggagtc	aggatctgca	780
tctgcagact	acacaaagac	aaacaacaca	gattaaaagc	acaatcatca	ttgaaatcac	840
agagcttcca	agtgttttca	tccattttta	tgggttacta	gctgctaatt	tgtctgcagc	900
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ttgttctttt	aattttgcca	tatccaaaaa	caagtttgta	gagtgtcctt	ctagatgctt	1020
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aaacatcccc	ttaggggacc	aatcaataat	gattccatag	gaattgttgc	acagcacctc	1320
tgctgtttt	gcaatgcaat	cttcccaaac	aaatacattc	attattttcta	gccaggtcca	1380
attctgttta	caaataggtt	tttgagggca	gtataacctca	attacaggag	cagattttatt	1440
atggtaaata	cggagaccag	aaagcatgtg	taactgtgtc	atagagtgat	tacatccagg	1500
cattattgcc	agccaagatt	gataaaatac	cccaataagt	ataattgtcc	tctgtgccag	1560
cccttggtga	aggaatactc	atggcaatgg	tgatcaccac	tatcatagct	atcattaaat	1620
tactcattgt	gactggttgt	cccactttcc	ttaggttttc	ttctgccatc	tgtgacagct	1680
tcttgatctg	tccccaggta	ggtggctgcg	ttcgatgggt	gttgctcgtg	acagttgggg	1740
tccccctcag	cgtcagtctc	aacatggctg	caaccagggg	atcctcggga	tcctcccaga	1800
atctattcct	cagcatcagg	ctcatgataa	ggtttcaggt	gcctcgatga	tatccaaatt	1860
ggcagttgat	ttggtccacg	gggattgctt	aagagtactc	aggtgtcctc	cagcttagtt	1920
ccacgttctc	caaccgtcgc	tctggcgacc	cttcaaccca	ggttcgagcc	ccatgtatgg	1980
acaccacttg	ctgagaccag	ctcggttgtg	gagaccctaa	cccagtggca	ctggagcaac	2040
tcagcactac	ctgcagcggc	gcagctcctc	gtgccgaatt	cgtgcagccg	gcgaagncgn	2100
cgagtctcc						2109

<210> 4028
 <211> 358
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (360)...(179)
 <223> similar to gi558846 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4028						
agtaaacaca	at tttagtat	ctttttatttc	actaaattgg	aatgctgcta	ttacaggaca	60
aataaagaca	ggtgatgtgg	ccacccaaac	accaccaaca	tagctcttta	gttagttata	120
ttgcaagctc	taatgtattc	cactatatga	acacagtcag	attctatttc	ttcatcaaaa	180
agtgttggtg	gaagttgtca	gatgtattta	aatatagaac	ccctattcaa	tggctaggag	240
atgagagagc	agcagagatg	gaaaagaaac	tttataaaaag	tattctgaaa	atctgcccc	300
tttctccata	atgttcatgt	ttctcatgct	gagagtagct	gtgtactttg	ggtgttgg	358

<210> 4029
 <211> 1155
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1156)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (90)...(528)
 <223> similar to gi4972686 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4029

gcggccgcga	agcgtgcgca	ggctccggcc	gctgcgctgc	agatggcgga	aatggatccg	60
gtagccgagt	tccccagcc	tcccgggtgct	gcgcgctggg	ctgaggccct	tctgcatgt	120
tttacctggc	tgcggctgtg	tcagatttct	atgttcctgt	ctctgaaatg	cctgaacaca	180
agatccagtc	atctgggggc	ccactgcaga	taacaatgaa	gatggtgcc	aaactgcttt	240
ctccttttgt	taaagattgg	gctcccaaag	catttataat	ttcctttaag	ttggagactg	300
accccgccat	tgtaattaat	cgagctcgga	aggctttgga	aatttatcag	catcaagtgg	360
tggtggctaa	tatccttgag	tcacgacagt	cctttgtgtt	tattgtaacc	aaagactcgg	420
aaaccaagtt	attgctatca	gaggaagaaa	tagaaaaagg	cgtagagata	gaagagaaga	480
tagtgataa	tcttcagtct	cgacacacag	cttttatagg	tgacagaaac	tgaagtaaaa	540
agcccttata	ggatcaaaaa	ttgttcaggg	ctcttagaga	tggtgaaaac	tacaaaaaaa	600
accatggctt	tcatatggac	agataaaatg	aaagaaaggg	aaaaggcagt	ggtgtgtagg	660
caaatatggg	ttggcatttg	tcttttaatg	acacctgata	tgatgtcatt	ttgattttga	720
aattgaacac	tagaactgtt	aatcaccttt	aaaaagaaga	gcttattggg	aattatata	780
tccttaaaat	atacatgggg	gcctgaatgt	cagccatctt	tatactatag	aaaaaggatt	840
atggatgcat	gaatggtcat	gctttggaga	tcaaataattg	gttgaatgcc	tatgtatgtc	900
aggccctgtg	ctgagccatg	aggattaaaa	agatgaataa	acatatcttg	tttaggaaat	960
ggatgtataa	aaaaatcaag	tgcaataaag	tgtgtgtcca	aaagctgaca	caatggaaag	1020
gatgttttgt	tttgtttgaa	atztatcaaa	tatagtagta	ggaaagaagg	atacctccct	1080
gaagatagat	tgtagaatgg	ngagcttttc	actgcattta	ctttttgctt	cttattgtaa	1140
attcacctca	tgttt					1155

<210> 4030
 <211> 1355
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (274)...(558)
 <223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4030

tttcgtgctt	gctgggatca	tggcggggaa	tcaactgcgag	ctcctgccgc	tggcccgtgg	60
caggctcggg	gcgggggttg	ggtggcttct	tgtgcctccc	ttaaagcgcg	gggctcagcg	120
tcctggccca	gcgcccagc	agcagggtcca	agtgggtccg	gctctacagc	ggcggcacct	180
acttcctcac	cactgggcag	acgccgctgt	gtcaggaccc	gaaatccttc	ctgtacctct	240
tgagccaggc	cgaccccagc	ccggactcgg	acaagacgga	gttttgttct	tgttgcccaa	300
gctggagtac	aatggcacia	tcttggtcca	ccacaacctc	tgccacctgg	gttcaagcga	360
gtctcctcct	tcagtctcct	gagtagctgg	gattacaggc	atgcaccacc	acacacagct	420
aagttttata	tttttagtag	agatgggtttc	accatgttgg	ccaggccagt	ctcaaactcc	480
tgacctcgtg	atccgcccac	cttggcctcc	caaagtgtctg	ggattacagg	tgtgagccac	540
cacacccagc	caattagggc	tgtcttacia	aaaaaaaaac	caccacgaac	ctttgcgaga	600
atcgagcgca	gcctgtgctg	gttgtgtgtaag	ccgtgggaca	cacgggaaag	ccaggaagaa	660
gaggaagagc	acccccacac	cccacccgcg	tgaagaagag	caaccccact	ccccgcccgt	720
gggaagaaga	gcacccctcac	gccgggcccg	caggaagaag	agcaccccca	cgcccgcccc	780
gcagcatccc	gctggcttcc	tggccacctc	tcctcaccca	tcttagaggc	atggccgggc	840
tggggcatct	ttccctcctt	gggcaggatg	aaacaggcgc	ctattttaatc	gacagagacc	900
ccacctactt	tgggcctgtg	ctgaactacc	tgagacacgg	caagctggtg	attaacaaag	960
acctcgcgga	ggaagatgat	accacgagtc	aacccaaaag	ttgctgggga	gaagttgctc	1020
tttaatgaat	tgcatctcat	gaatgtatca	ggctgtgacc	tttctgcact	ctctaatagag	1080
ttcatgaatt	taggccaat	atggccacaa	atgctgctgc	tgtcacagag	agatgccgga	1140
taaagaacac	ccaccaccag	tctctgaaca	gggaggggag	aatcaactct	gaatgtgatg	1200
tagtgccag	gagagaggac	catgttcaac	aacgccacac	agatgcaaat	gacttgtttc	1260
ttcaacaaac	tgcaagggaa	aaaataaaaa	tgggggaagc	tacagattaa	aatacatgtg	1320
tttgatag	agagtattta	atggcaaaaa	aaaaa			1355

<210> 4031

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (50)...(668)

<223> similar to gi3170548 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4031

cgtggtggaa	ttccagagt	gcttagctct	tgtgcaccgc	cctcaccccc	tgtactagct	60
gatggatacc	aagtccactg	accggaagat	gacactgctt	catttcatcg	ccttgacaga	120
gaaggagaaa	taccagacc	tggttaactt	ctggcatgag	ctgcactttg	ttgagaaggc	180
tgcagcagtg	tccttgaga	acgtgctgct	ggacgtgaag	gagctgggcc	ggggcatgga	240
gctgattcgg	cgtgagtga	gcatccatga	caacagcgtc	ctccggaact	tcctcagtac	300
caatgaaggc	aaactagaca	agctccagcg	ggacgccaag	acggctgagg	aggcctacaa	360
tgcagttgtg	cgctactttg	gcgagagtcc	caagactaca	cctccttctg	tattcttccc	420
agtatttgtc	cgattcattc	gttcttacia	ggaagcagaa	caagagaatg	aagcccgcaa	480

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gaagcaggag gaggtaatgc gggagaagca gctgggctcag gaagccaaga aactggatgc 540
caagacccca tcccagcggg acaagtggca acagcaggag ttaatagcag agttgaggcg 600
gcgccaggcc aaggaacacc ggcctgttga tgatgtcctc gatggtacca tccttcccct 660
cataaacagg ccggtgttcc ttggcctggc gccgcctcaa ctctgctatt aactcctgct 720
gttgccactt gttccgctgg gatggggctct tggcatccag tttcttggct tctgagcca 780
gctgctacga aa 792

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<210> 4032
<211> 830
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (371)...(593)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 4032
ttttttcaca aattataata ttttattata gaaaaagggt gcccaaatac aggatttcgt 60
aaacactggg aggtgaacaa gtgcaatttt aaaagtaaat acaaagtaga ggcaaaacct 120
acaagcattt tgccttcaga agaaaatcgt aatgttctcc tgcactagtg atcccaccca 180
gaacacaaat gtggctccat ctcccatgaa agcatcatat ttgctttctg agctcagtat 240
tcccatattca ataattgcaa agtgatggca agaagtggca ctgaatacat tactacaaac 300
ccttgactta aaatattgag acagggtctt gccctgtcat ccaggctgga gtgcagtagc 360
atcatcatgg ctactgcag cctcatcctc ctgggctcaa gcaatcatcc tgtctcagcc 420
tcttgagtgg ctgggaccac aggtatgcac taccatgtcc atgcctggct atttttttaa 480
ttttttacgt tgcccaggcc agtctgaaac tcctgacctc aagtgatcct cccaccttgg 540
cctcccaaag tgctgggatt accggcatga gccactgcac ccagccaaaa cctttaattt 600
ttttttttct tttttgagat ggagtcttga aaaacaaaaa cgaaaacaca acctgagatg 660
gaccatgtga gcagggtgata ccatcaggga gtgctcagtg tgttctaaaa atcgcagtg 720
ctggcacaca gcaaaagctt cacaaatata caccaaataa ccaaggaaaa taagtaacaa 780
acattatgcc tgcattgctaa ataaattcac agataatctt caaaataacc 830

```

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<210> 4033
<211> 925
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (29)...(453)
<223> similar to gil92260 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<221> misc_feature
 <222> (826)...(231)
 <223> similar to gi825667 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4035

tttttttttt	ttccagcagg	ctaatttgtc	tgttttattcc	cacaaggtag	ccaggggtgg	60
gggcgcgag	ccaagcccag	caggccatgg	gaccttcctc	cggcggggtg	cacgctggat	120
tttcgggtct	gccccaccag	caggtttgca	ggcaggccgt	catgagtgcc	ggtggaaggc	180
tccgagggcg	tgggcagggg	ctcgggcggg	gccacacact	tgtggagcta	gaaatagtgg	240
ggcaggtcct	tctctatcac	caggggctcc	tccatgggtc	cgtagcgctt	caccacgcag	300
ccgttcttgt	cgatgaggaa	cttggtgaag	ttccacttga	tggcatttcc	caggatgccc	360
ttgcccttgg	gttggatctt	catccacttc	cacagcgggt	gggcgtcgtc	cccgttcacg	420
cagatcttgc	tgaacatatc	gaatttgacg	ttgtagcccg	cggcgaactc	tttgatctct	480
tcgttactcc	ctggctcctg	cttcccgaac	tggttacacg	ggaaggccag	gatccgcaaa	540
ccacactcag	cgtatcgggc	gtgcaggtcg	acgagctgag	tgtagtttac	ttcgggtctt	600
cctcactggg	aggccacggt	ggtgacgatg	cacacgaagc	cccggtaact	gtccagggtta	660
accatgtgcc	cgtcgatgtc	cttggcggaa	aactcgtgca	tggagcgcgc	acagcgccag	720
tcgtcccggg	acgcgcacat	ggtcccggcc	aggccaggcg	cggccagagc	cccacagagc	780
agcgccggct	tcagtaggcg	gcaaaggcgg	ccgaggctca	tcgcggcggg	gctgggagcc	840
agcggctcct	cccctcgctc	agccgaccaa	tggacgcgcg	tcggctttcc	gcgcctcc	898

<210> 4036

<211> 2047

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2048)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1)...(560)

<223> similar to gil3009 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4036

cccacctcca	aatatctcat	caacaaccga	ctaataacca	ccaacaatg	actaatcaaa	60
ctaacctcaa	aacaaatgat	agccatacac	aacactaaag	gacgaacctg	atctcttata	120
ctagtatcct	taatcatitt	tattgccaca	actaacctcc	tcggactcct	gcctcactca	180
tttacaccaa	ccacccaact	atctataaac	ctagccatgg	ccatcccctt	atgagcgggc	240
gcagtgatta	taggctttcg	ctctaagatt	aaaaatgcc	tagccactt	cttaccacaa	300
ggcacaccta	cacccttat	ccccatacta	gttattatcg	aaaccatcag	cctactcatt	360
caaccaatag	ccctggccgt	acgcctaacc	gctaacatta	ctgcaggcca	cctactcatg	420
cacctaatg	gaagcaccac	cctagcaata	tcaaccatta	accttcctc	tacacttatc	480

atcttcacaa	ttctaattct	actgactatc	ctagaaatcg	ctgtcgcctt	aatccaagcc	540
tacgttttca	cacttctagg	atagtcagta	gaattagaat	tgtgaagatg	ataagtgtag	600
agggaaaggtt	aatggttgat	attgctaggg	tggcgcttcc	aattaggtgc	atgagtaggt	660
ggcctgcagt	aatgttagcg	gttaggcgta	cggccagggc	tattggttga	atgagtaggc	720
tgatggtttc	gataataaact	agtatgggga	taaggggtgt	aggtgtgcct	tgtggtgaaga	780
agtgggctag	ggcattttta	atcttagagc	gaaagcctat	aatcactgcg	cccgcctcata	840
aggggatggc	catggctagg	tttatagata	gttgggtggt	tgggtgaaat	gagtgaaggca	900
ggagtccgag	gaggtttagt	gtggcaataa	aaatgattaa	ggatactagt	ataagagatc	960
aggttcgtcc	tttagtggtg	tgtatggtta	tcattttgtt	tgaggttagt	ttgattagtc	1020
attgttgggt	ggtgattagt	cggttgttga	tgagatat	ggagggtggg	atcaatagag	1080
ggggaaatag	aatgatctgt	tcgcttcatt	cattgcccc	acaatcctag	gcctacccgc	1140
cgcagtactg	atcattctat	ttccccgtct	attgatccgc	acctccaaat	atctcatcaa	1200
caaccgacta	atcaccaccc	aactatctat	aaacctagcc	atggccatcc	ccttatgagc	1260
gggcgagtg	attataggct	ttcgctctaa	gattaaaaat	gcccttagcc	catttcttac	1320
cacaaggcac	acctacaccc	cgttatcccc	atactagtta	ttatcgaaac	ccatcacgct	1380
actcattcaa	ccaatagccc	ttggccgtac	gcctaacccg	taacattact	gcaggccacc	1440
tgtcactgc	acctaattgg	aagcgccacc	ccttagcatt	tcaaccatta	accttccctc	1500
tacacttatc	atcttcacaa	attctaattc	tactgactat	cctagaaatc	gttgtcgtgc	1560
aggtagaggc	ttactagaag	tgtgaaaacg	taggcttgga	ttaaggcgac	agcgatttct	1620
aggatagtc	gtagaattag	aattgtgaag	atgataagt	tagagggaag	gttaatgggt	1680
gatattgcta	gggtggcggt	tccaattagg	tgcatgagta	ggtggcctgc	agtaatgtta	1740
gcggttaggc	gtacggccag	ggctattggt	tgaatgagta	ggctgatggt	ttcgataata	1800
actagtatgg	ggataagggg	tgtagggtgt	ccttggtgga	agaagtgggc	tagggcattt	1860
ttaatttttag	agcgaaagcc	tataatcact	gcgcccgcct	ataaggggat	ggccatggct	1920
aggtttatag	atagttgggt	ggttgggtgt	aatgagtgag	gcaggagtcc	gaggaggtta	1980
gttggaattc	caccactctg	caataggtat	ctcagtggn	tcaaaatntt	ttnttctgct	2040
taaaaaac						2047

<210> 4037

<211> 1194

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (47)...(1157)

<223> similar to gi3478637 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4037

acgtgcggaa	ccggtccgga	gttcccggcg	ggacccacgc	gtacgctacg	tgcgagcggt	60
tgttcgcgtc	tttaccggcc	aggccaaggt	caaggcctca	gccaggaagc	aggcgctggt	120
gttccagggt	gtgggctgcg	gggccttcca	ccttcagcgt	ctcggcaaag	cgtcaggagt	180
ccccagcggc	cgggccaagt	tctctgcagc	ctgtggtccc	cctgtgaccc	ccgagtgtga	240
acactgtggg	caacgacacc	agcttggtgg	ccccatgtgg	gcagagccca	tccatgacct	300
ggattttgtg	ggccgtgtcc	tggaggctgt	gagcgctaac	cccggccgct	tccacacctc	360
ggagcggatc	cgaggggtcc	tgagcgtcat	cactgaggag	ctcccggacg	tgccctctgt	420
ctacaccctg	gaccagctga	gcagcaccat	ccactgcaac	acaccaagcc	tcctgcagtt	480
gcggtcggcc	ctcctccacg	ctgacttccg	ggtctcactc	tcccacgcct	gtaagaacgc	540
tgtgaagacg	gatgcccctg	cctctgccct	ctgggacatc	atgcgttgct	gggagaagga	600

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atgtccggtg aaacgggagc gactatcaga gactagccca gcgttccgca ttctcagtgt 660
ggagcccagg ctgcaggcca acttcaccat ccgggaagat gccaacccca gctcccgaca 720
gcgaggactc aagcgcttcc aggctaaccg ggaggccaac tgggggtccc ggctcgtgc 780
ccggccaggg tgagtgggtg taagggtggg gtgggggtca gccagggaaa gaaggggtaa 840
agggcagatg ggggtcccacc tactcctccc ctgcacagg ggcaaggcgg ccgacgaagc 900
tatggaggag agacgcaggc tgcttcagaa caagcggaag gagccgccgg aagatgtggc 960
ccagcgggct gcccggctca agacatttcc ttgcaagagg tttaaggagg gcacctgtca 1020
acgcggggac cagtgtgtct actcccacag ccccccgaca cccagggttt ctgctgatgc 1080
tgcccctgac tgtccagaga cctccaacca gacccccctt ggacctgggg ctgccgctgg 1140
gccaggcata gactgaacca ataaagagat gtcacgtcac cttcaaaaaa aaaa 1194

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<210> 4038
<211> 986
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (978)...(331)
<223> similar to gi818014 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 4038
atcatctttt ttgatacttt tttaaaaagc tcaaatgag gaacataaaa tactatcaag 60
taatcaacag aacattcaat gtgtataaag atttttttta aaatacgttt aaaaagagag 120
ccagggaatt caattttacat tttagaccat ttaatggagg tatttggtgc acatgtgggt 180
ttagtghtaac gtaaacacaa catctctccc cagaaacact taacctgagt tggaaatgaa 240
atatgaactg aagagattct taattcacac atacacttct cctcaaaata ttagcaatga 300
ttccaactga ggattctgct tgaagttcag gactcgggtc caggacagga atgaaggaaa 360
actccgtgca gttcgaacgc tctgctgaag tcaaaggact gcacctgcgg gctcttaate 420
agagctagct tcctcaaaac cccgcggaac gaggtctggc tgcgcaggca tttttgcttc 480
acaccagcag gatagccacc aacataaatg ggattgttgg tgtccactga ggtagactgg 540
gtgtgtggac tttcagcgcc aactgcgttc ccgtcaacaa tcagagtgat acggtgtttg 600
cttttggttag cttgaagagt gtgccatttt ccatcacaga gcacagtggc ggttttgggc 660
tcatatgcag ctgttatcct gccagcacca ttgttgacat ggaacaagac cttgccgtcc 720
acaagctcta gtccaatggc atccaatttg gcagtgtctga tccccaggag gacgccattc 780
tgcgaggagg ttcgaaactc cagtgtgatg ttcacatctg actggacttt gtagccctct 840
ttgactgtaa cacacaagga ggaccaagt caggggtgag gctgccaggc ccagggttag 900
catttggcct cctggctagg ggttggggga cctggctcta gctcctcctt tggatccagc 960
tgcaccccca ccagcaggtc actcct 986

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```

<210> 4039
<211> 1084
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1047)...(476)
 <223> similar to gi2944066 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4039
 tttcgtgcgg aggagctgct cttggagggg aagaaggcgc tgcaactcgg tgagtgcct 60
 gcgatgtccg cgaccctcaa ccttggccca ggtggatctg acgctctgtg gtcagctttc 120
 tcctcagttc cctctcctcc ggatcccagg atcctccagt gccctcagag tcgctggggg 180
 cttctgaaga gcccttgagc ctccctcaaaa ctttcagggc cctccttaga gccctcacct 240
 gtccctcggg ctccgcaggc ccacctggac ctgcggtttc ctcccacact tttcccacc 300
 tcccaccttc ttgggtggct ccctcactgt cttcccttct ctctgcagcc cgcgagccgc 360
 gcctgggcct ggacttagga tggaaacctt ccggagaagg ctgtacgcag gccctcaaag 420
 acgtcccacc cgagccgacc cgagacatcc tcgctttaa gagccttccc cggggccttg 480
 cccttggccc ctactcgc aaggaacagc gcttgggggt ctggtgtgtc ggggaccccc 540
 tgcagcccgg cctgctgtgg gggccgctgg aagaggagtc tgctccaag gagaaggcg 600
 agggagtaaa gccacggcag gaggagaacc tgtcattagg cccatgggga gacgtgtgtg 660
 cctgtgagca gagttctggc tggactagct tggtaaacg gggcaggctg gagagtgagg 720
 gaaatgtggc ccagtgcg atcagcgaga ggcttcatct gcaagtgtac cagctggtgc 780
 tgccaggctc tgaactgctg ctgtggcccc agcctttctc tgagggccca agtctaccc 840
 agcctgggct ggacaaagag gcagctgtag cagtggagtc tgctgtacag caggaagtgg 900
 cctcccctgg ggaggatgca gcagaacctt gcatagatcc tgggtccag tcaccctctg 960
 gcatccaggc agagaatatg gtgagccctg gacttaagtt cccaacccaa gaccgaattt 1020
 ccaaggatag ccagccactt ggcccattgc ttcaggatgg cgacgtggat gaggaatgcc 1080
 cggc 1084

<210> 4040
 <211> 1893
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (57)...(1158)
 <223> similar to gi2739107 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4040
 cagcagcgcg caggtcctca ccatagctct ggtggccacc tctgtcccgc catgctgctc 60
 accgacagtg gccaggcccc acagcaccaa gaggcttggg ccacaaagta aagggtcgcg 120
 gagcctcgcc ggccgcatg tggagctgca gctggttcaa cggcacaggg ctggtggagg 180
 agctgcctgc ctgccaggac ctgcagctgg ggctgtcact gttgtcgctg ctgggcctgg 240
 tgggtggcgt gccagtgggc ctgtgctaca acgccctgct ggtgctggcc aacctacaca 300
 gcaaggccag catgaccatg ccggacgtgt actttgtcaa catggcagtg gcaggcctgg 360
 tgctcagcgc cctggcccc ctgcacctgc tcggcccccc gagctcccgg tgggcgctgt 420
 ggagtgtggg cggcgaagtc cacgtggcac tgcagatccc cttcaatgtg tcctcactgg 480

tggccatgta	ctccaccgcc	ctgctgagcc	tcgaccacta	catcgagcgt	gcactgccgc	540
ggacctacat	ggccagcgtg	tacaacacgc	ggcacgtgtg	cggcttcgtg	tgggggtggcg	600
cgctgctgac	cagcttctcc	tcgctgctct	tctacatctg	cagccatgtg	tccaccgcgc	660
cgctagagtg	cgccaagatg	cagaacgcag	aagctgccga	cgccacgctg	gtgttcacgc	720
gctacgtggt	gccagcactg	gccaccctct	acgcgctggg	gctactctcc	cgcgtccgca	780
gggaggacac	gcccctggac	cgggacacgg	gccggctgga	gccctcggca	cacaggctgc	840
tggtgccac	cgtgtgcacg	cagtttgggc	tctggacgcc	acactatctg	atcctgctgg	900
ggcacacggt	catcatctcg	cgagggaagc	ccgtggatgc	acactacctg	gggctactgc	960
actttgtgaa	ggatttctcc	aaactcctgg	ccttctccag	cagctttgtg	acaccacttc	1020
tctaccgcta	catgaaccag	agcttcccca	gcaagctcca	acggctgatg	aaaaagctgc	1080
cctgcgggga	ccggcactgc	tccccggacc	acatgggggt	gcagcagggt	ctggcgtagg	1140
cggccacgcc	ctcctgggga	gacgtgactc	tgggtggacgc	agagcactta	gttaccctgg	1200
acgctcccca	catccttcca	gaaggagacg	agctgctgga	agagaagcag	gaggggtggt	1260
tttcttgaag	tttccttttt	cccacaaatg	ccactcttgg	gccaaaggctg	tgggtccccgt	1320
ggctggcatc	tggcttgagt	ctccccgagg	cctgtgcgtc	tcccaaacac	gcagctcaag	1380
gtccacatcc	gcaaaagcct	cctgcgcttc	agcctcctca	gcattcagtt	tgtcaatgaa	1440
gtgatgaaag	cttagagcca	gtatttatac	tttgtgggta	aaatacttga	ttcccccttg	1500
tttgttttac	aaaaacagat	gtttcctaga	aaaatgacaa	atagtaaaat	gaacaaaacc	1560
ctacgaaaga	atggcaacag	ccagggtggc	cgggccctgc	cagtgggcgg	cgtgtgctag	1620
caaggcctgc	cgggtgtgcc	gcagtcacca	cagggttctg	agaacatttc	acagaagtgc	1680
ctgagacgcg	gagacatggc	tgggtgttaa	tggagctatt	caatagcagt	gacgcgctct	1740
cctcagccac	caaatgtccc	tgacaccctc	cccagccccc	acagataaca	tcagctgagg	1800
tttttttcag	tatgaacctg	tcctaaatca	attcctcaaa	gtgtgcacaa	aactaaagaa	1860
tataaataaa	ccaaagaaag	gtgaaaaaaa	aaa			1893

<210> 4041

<211> 1341

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1342)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2)...(413)

<223> similar to gi5262748 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4041

gaagccacca	gtgcctccca	agcccaagct	caagtccccg	ctggggaagg	ggcgggtgac	60
cttcagggac	ccgctgctga	agcagtcctc	ggacagcgag	ctcatggccc	agcagcacca	120
cgcgcctct	gcgggctgg	cctctgccgc	cgggcctgcc	cgccctcgct	acctcttcca	180
gagaagggtcc	aagctatggg	gggaccccg	ggagagccgg	gggctccctg	ggcctgaaga	240
cgacaaacca	actgtgatca	gtgagctcag	ctccgcctg	cagcagctga	acaaggacac	300
gcgttccctg	ggggagggaac	cagttggtgg	cctgggcagc	ctgctggacc	ctgccaagaa	360
gtcgcccatc	gcagcagctc	ggtgagcagg	gcgggtgcgg	gagggatccg	tgccttgtcc	420
gtggccccgt	ctgtcattcc	tcttgtctgt	tctctggctc	tcctgttcc	ccttgttctg	480

```

ttccattcct tctgtggcaa cccccaaccc gcccccgcca tccacctctg aatctggtct 540
tgcttggcct gcccagagaga ggagggttctt ctggggcgtct gacacgtcag gggttgcctgct 600
cactgtgtcc ctggttggtgc cagaagtggg agctgggctc ccctcagaga ctcagggttg 660
gcatgagggcg cctccatggc cctcctggag gctcttggcc ccagggattc ctgtgagttc 720
tctctctccc tcccgcacaca ggctgtcttt accattaagg gttgttttgt gttttacttt 780
ggaggtagcg ctcctctctc ccctcctctc tgtggccatg tggctgcccc gtgtggctga 840
taccctctgc cttacagctg cctcctgcct tgcttcctct ggcggttgg agcacactga 900
ctccttttct tttgggggat ctgccactaa ctccctatct cccatcccag aaacatttgt 960
ctcttggcac caccttagaa tcccttaaac atggattccc gtgtgtcatt tctaaagtgc 1020
agtaagaaga tagatggaag tcacgccatc tccctgcaat ccctctgccc tcttgccctc 1080
tccccaccac ttcccgcgtc gtccctgccc tgcccagaag gatctgagca ggggcctggc 1140
ttgctgctga ggctgtcaca gctgcccagag ccctgggctg atcccatagg tctttccttg 1200
aggaccgcgac tcccgaaggct ccttccaaag aggagccctt cgggcccgtg ggctgcatgg 1260
atgctggcgg cagagctgggt catccccccac ccgcccccnt gtctgccttt ntaaaagctg 1320
ctttgccttc tgtgccccta a 1341

```

```

<210> 4042
<211> 1904
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (160)...(1185)
<223> similar to gi5817164 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4042
cccaggcaag gaggtgctgg ggatggggaa tgttcacagg tgaacaacag cagtgggtttt 60
tcaacttctt tttcatcagc agaaactatt tacaacacag gtttcatatg gacccccaat 120
atagaagtca gataagggac tgaaccaggg actggggggc cagggcccta gggctcagcc 180
tcctcctcag cccacgaagc catgtgactg ctgggctggg gatcgaaggc agagcctggg 240
tctgaagcct agagctggaa gctggctgag aaggctctgg aagcccagct ccctggattc 300
ccctcgcccc ctcagtgtct cgtgcgggtg ggccgggggc agagaagccg gcaggttcgc 360
tgtgttggga acaacggtga tgaagtgagc gagcaggagt gtgcgtcagg cccccacag 420
ccccccagca gagaggcctg tgacatgggg ccctgtacta ctgcctggtt ccacagcgac 480
tgagagctcca agtgctcagc cgagtgtggg acgggaatcc agcggcgctc tgtggtctgc 540
cttgggagtg gggcagccct cgggccaggc cagggggaag caggagcagg aactgggcag 600
agctgtccaa caggaagccg gccccctgac atgcgcgcct gcagcctggg gccctgtgag 660
agaacttgge gctggtacac agggccctgg ggtgagtgc cctccgaatg tggctctggc 720
acacagcgta gagacatcat ctgtgtatcc aaactgggga cggagttcaa cgtgacttct 780
ccgagcaact gttctcacct cccagggcc cctgcctgc agccctgtca agggcaggcc 840
tgccaggacc gatggttttc cagccctgg agcccatgtt ctgcgtcctg ccaaggggga 900
acgcagacac gggaggtcca gtgcctgagc accaaccaga ccctcagcac ccgatgccct 960
cctcaactgc ggccctccag gaagcgcccc tgtaacagcc aaccctgcag ccagcgccct 1020
gatgatcaat gcaaggacag ctctccacat tgccccctgg tggtagaggc ccggctctgc 1080
gtctaccctt actacacagc cactgtttgc cgctcttgcg cacatgtcct ggagcgggtct 1140
cccaggatc cctcctgaaa ggggtccggg gcaccttcac ggttttctgt gccaccatcg 1200
gtcaccatt gatcgggcca ctctgaacct cctggctctc cagcctgtcc cagtctcagc 1260
agggatgtcc tccaggtgac agagggtggc aagggtgactg acacaaagtg actttcaggg 1320

```

```

ctgtgggtcag gcccatgtgg tgggtgtgat ggtgtgtgca catatgcctc aggtgtgctt 1380
ttgggactgc atggatatgt gtgtgctcaa acgtgtatca cttttcaaaa agaggttaca 1440
cagactgaga aggacaagac ctgtttcctt gagactttcc taggtggaaa ggaaagcaag 1500
tctgcagttc cttgctaatac tgagctactt agagtgtggt ctccccacca actccagttt 1560
tgtgccctaa gcctcatttc tcatgttcag acctcacatc ttctaagccg ccctgtgtct 1620
ctgaccctt ctcattttgcc tagtatctct gccctgcct ccctaattag ctagggtctg 1680
ggtcagccac tgccaatcct gccttactca ggaaggcagg aggaaagaga ctgcctctcc 1740
agagcaaggc ccagctgggc agaggggtgaa aaagagaaat gtgagcatcc gctccccac 1800
caccgcgcc agcccttagc cccactccct gcctcctgaa atggttccca cccagaacta 1860
atatttttt tattaaagat ggtcatgaca aatgaaaaaa aaaa 1904

```

```

<210> 4043
<211> 1409
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (177)...(695)
<223> similar to gi5104893 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4043
tttttaagtt tgttttggaataaacagaaa agatatttat tggccaggaa gttggtgctg 60
ctaagaccga gaaatttaaa gaatcggaca gatggacgca gagaaccaga gggcaatgtg 120
ggaccttctc ttgccatggc ctcagggtctt gaggggaaggc tcgggcctag gtttctggac 180
tgcaaagggg acccccaggt gggaggggca ggaagcagcc ggagttagcc cttcgccct 240
gagtgcctgg ctgcacctc tcgagctgtg ccctgggcat cactgagcag aggggtgctg 300
cagcttcagg aggcagaaac gagaggggtg ggagatccac aggaccaaag ggtgcagtga 360
tgggctgggt ggcgggcca gggaaatggg gtggggatgg gctgggtaag acctggccct 420
cccctgctgc cctgaagacc accccagtct acctcggtgc tggccaggaa acctttcggc 480
tacctctccc accatcccag actgtgggca gggggatggg gagggagtgg gcctggatct 540
gggacctccc tccagaattt cctccagatg ggggcagtgc ccaggaggagg gttatttgtc 600
ttccctgcca tggagtggga atccccagcc gagggcctag gccctcagc aggggaaggga 660
tccccgggga ggcagggtccc aggagcagac cctgccccca gccccacag acacacccca 720
atctgaaagc catgcgtgtc ggtgtatata ggaaccatgt acagagccca gagaagcccc 780
ctacatcccc ccgggaaaaa aaagaaaact agacagaaac tcatctatat attctgtatc 840
tggagttccg ttttgaatat taactgtgtt atttttatac actttttaag ccttaactcg 900
ccattgattt accagtttaa cgtttcctgg ggtttctttg cccatggggt tctctgcccc 960
caccgccggc cctttgtttg acttgcgtcg tctgatactc agtattgtag ctttttgtcc 1020
gcatgttact cctgttaaat acgctgttat acatactgtt aacaccctt tgctttttct 1080
atgggacctc caggccacca tatttagaac tagttacctt attaaaaaag aaaaaacagt 1140
ctgttggtt ctcagtctgc atcttgagg cagggagggt agggcagggt cccctcagac 1200
acttcaggaa ggtagtttgc attctattta aaaaaggagg tggggagcaa atgaaaatca 1260
aatgtggggg gaaaacacta aagggggcaa gaaacaaagg aattacaaac cctctgctct 1320
ttgtatttct ctgttgtgaa gaataaactg tacctgcacc cggaaaaaaa aaaaaaagg 1380
ggggccgttt tagaggacct aagcttacg 1409

```


<210> 4044
 <211> 792
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (790)...(646)
 <223> similar to gi4558700 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4044
 cagatgggag gatgcctggc tgtgcccag gcgagtgggc attggccatc aggacaggag 60
 agaggtggtg tccagtggag acatccacgt agccctgcag gccctcagcc cccaggacca 120
 cctcagtttg ggcattgccc ctccccctccc actgggggtgc gagtgaccag gagtgaccca 180
 gctggggaca ggcgggaggc aggacagctc tggagggggcc ccaaggctcc cgccccccat 240
 gggggcccag cagcgactcc atcccccgag tcctcccgga caccocggca cctggggaga 300
 ggcggaggaa ggcaggaacc ccagctgctc ccagggtggc agccgtgggc ggaggctctg 360
 ctgcaggatc cgggaggccc agagaaggca cctgcatttc acgctgagcg catctgagga 420
 tgcgatcagg aagcagcccc ggcactctct ctttatggat gcccaacttc agtttaaccg 480
 tggcatcccg ggggcaaggc cgccctccaa gctgtgcttc actaattccc tcagggtttg 540
 gaactatttg cccagttccc acgatgggcc ttttaagctct cgtccttcc aacctaaaggc 600
 aacttcaacc atctgataaa tctaataata agttacaatc gaggccgggc acagtgggtct 660
 gtaatccag caccgtggga ggctgagggtg gaaggattgc ttgagcctgg gaggtggagg 720
 ctgcagtgag ccagacagc gccactccac tccggcctgg gcaagacagc aagaccctgt 780
 ttaaaaaaaaa aa 792

<210> 4045
 <211> 783
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (7)...(583)
 <223> similar to gi3929312 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4045
 catgcgtccg attcagcacc acaggattag aaccatgatt tacaggagca agatggcgag 60
 cctgttcccc catccaatgt agaagctata gctgaacatg cggttttgtc agaagaagag 120
 aatgaggaat ttgaggctta ttccccagct gcagccccta catctgagcg ctctctctca 180
 ccatccaaa ctgagaagac ttcagagaac cagtctccac tgttttcaac agttacacca 240
 gaatacatgg tcctatcagg agacgaggcc tcagaaagtg ggtgttacac accagactcc 300
 acatctgctt ctgaatatcc agttccatca ctggcaacaa aagagtcact gaagaaaca 360

```
attgaccgta agtccccgtt aatattgaaa ggtgtttctg agtacatgat tccatcagaa 420
gagaaggaag acactggatc gtttactcca gctgtggccc ctgcttctga gccctctctc 480
tcaccatcca caaccgaaaa gacttctgaa tgccagtcac cactgccttc tactgccaca 540
tcagaacacg tgggtcccatc agaaggagag gacctaggaa gtgaacgttt cacaccggat 600
tcaaagttga tctccaaata tgcagcccca ctcaatgcaa cacaggaatc tcaaaagaaa 660
ataatcaatg aggcattcca attcaaacca aaaggatttt ctgagcacac agttctgtca 720
gtagacggca aggaggtcat tggaccatct tccccagatt tggttgttgc atctgaacac 780
tct 783
```

<210> 4046
<211> 1032
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (918)...(501)
<223> similar to gi3877422 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 4046
tggttcttcc tttattctta gttcttagct gtgatggatc cttgcaatga aagaattaag 60
aagggcgggt gcggtgggtg acgcctgtaa ttccagcact gtggaaggtc gacgtgggac 120
gattgcttaa gccaggggt caaggccagc ctgggtaaca tgaacaattc ttaacgtcca 180
aagataacgt ctttccttaa cgctcgaaaga tgccttgttg tgatattaca gcagtcattc 240
ctgtcacta cgggcaggca gacagtgcag aaaagggtgaa gcacaaaaaac taaaaaggaa 300
aatctctcct tgaaccactg cgaacagatc cgagtgtctg ggtactgtct ccagctgggt 360
ggtggagttc tggttgaaca gtgtcccgcc aggtccgaag tggggacacg tctgttgggtg 420
gtgtccaccc aactcagcca ctgcaggacc atcttgcgac tctttgatga cctggccatg 480
tttgtctaca ctaagcaata tggcctgggg gcacaggagg aggacgcctt tgtccgctgt 540
gtctccgtcc tagggaacct ggctgaccag ctctactacc cctgtgagca cgtggcctgg 600
gcggctgatg cccgggtcct ccacgtggac tcttctcggt ggtggacgct gagtacaacc 660
ctgtggggccc tctctctgct cctgggggtt gccagggtccc tgtggatgct gctgaaactg 720
agacagaggc tgccggagccc cacggcgccc ttcaccagcc cgctgccccg gggcaagcgg 780
agggccatgg aggcgcagat gcagtccgag gcgctgtcac ttctcagcaa cctggccgac 840
ctggccaacg ccgtgcactg gctgccccgg ggcgtgtctg gggccggccg cttcccgcgg 900
tggctagtgg gcctcatggg caccacctcc tgccgtgccag ctggcgtctt gtatccaaat 960
caagatgagg aagagggggc ctgtcgtgcc ttgagaaagc tgggaacggga atcaattaaa 1020
cattgtggtg ct 1032
```

<210> 4047
<211> 2843
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (19)...(1740)
 <223> similar to gi4884194 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4047

gtaagtgcgg	tggaattcgt	gctccatggg	aaagatttcc	aagtagattg	caaagcttcc	60
ggctccccag	tgccttagat	atcttggagt	ttgcttgatg	gaaccatgat	caacaatgca	120
atgcaagccg	atgacagtgg	ccacaggact	aggagatata	cccttttcaa	caatggaact	180
ttatacttca	acaaagttgg	ggtagcggag	gaaggagatt	atacttgcta	tgcccagaac	240
accctagggg	aagatgaaat	gaaggtccac	ttaacagtta	taacagctgc	tccccggata	300
aggcagagta	acaaaaccaa	caagagaatc	aaagctggag	acacagctgt	ccttgactgt	360
gaggtcactg	gggatcccaa	acaaaaaata	ttttgggtgc	tgctttccaa	tgacatgatt	420
tcctttctcca	ttgataggta	cacatttcat	gccaatgggt	ctttgaccat	caacaaagtg	480
aaactgctcg	attctggaga	gtacgtatgt	gtagcccgaa	atcccagtg	ggatgacacc	540
aaaatgtaca	aactggatgt	ggtctctaaa	cctccattaa	tcaatggtct	gtatacaaat	600
agaactgtta	ttaaagccac	agctgtgaga	cattccaaaa	aacactttga	ctgcagagct	660
gaagggacac	catctcctga	agtcagtgtg	atcatgccag	acaatathtt	cctcacagcc	720
ccatactatg	gaagcagaat	cacagtccat	aaaaatggaa	ccttggaat	taggaatgtg	780
aggctttcag	attcagccga	ctttatctgt	gtggcccgaa	atgaaggtgg	agagagcgtg	840
ttggtagtac	agttagaagt	actggaaatg	ctgagaagac	cgacatttag	aatccatttt	900
aatgaaaaaa	tagttgcca	gctgggaaag	tccacagcat	tgaattgctc	tgttgatggt	960
aaccaccac	ctgaaataat	ctggatttta	ccaaatggca	cacgattttc	caatggacca	1020
caaagttatc	agtatctgat	agcaagcaat	ggttctttta	tcathttcta	aacaactcgg	1080
gaggatgcag	gaaaatatcg	ctgtgcagct	aggaataaag	ttggctatat	tgagaaatta	1140
gtcatattag	aaattggcca	gaagccagtt	attcttacct	atgcaccagg	gacagtaaaa	1200
ggcatcagtg	gagaattcct	atcactgcac	tgtgtgtctg	atggaatccc	taagccaaat	1260
atcaaatgga	ctatgccaa	tggttatgta	gtagacaggc	ctcaaattaa	tgggaaatac	1320
atattgcatg	acaatggcac	cttagtcatt	aaagaagcaa	cagcttatga	cagaggaaac	1380
tatatctgta	aggctcaaaa	tagtgttggt	catacactga	ttactgttcc	agtaatgatt	1440
gtagcctacc	ctccccgaat	tacaaatcgt	ccaccagga	gtattgtcac	caggacaggg	1500
gcagcctttc	agctccactg	tgtggccttg	ggagttccca	agccagaaat	cacgtgggag	1560
atgcctgacc	actcccttct	ctcaacggca	agtaaagaga	ggacacatgg	aagtgagcag	1620
cttcacttac	aaggtaccct	agtcattcag	aatccccaaa	cctccgattc	tgggatatac	1680
aaatgcacag	caaagaaccc	acttggtagt	gattatgcag	caacgtatat	tcaagtaatc	1740
tgacatgaaa	taataaagtc	aacaacatct	gggcagaatt	tatttttttg	aagaagttta	1800
atcaaaggca	gccataggca	tgtaaatgaa	tttgaataca	tttacagtat	taaatttaca	1860
atgaacatgc	aaaataaaa	gacttgtaaa	taaatgcatt	atgaactgat	gatactgatt	1920
tattttaatg	atctcaaaa	aaacttttaa	cttaaggcac	ttttattttg	ccaacaaata	1980
acaataaaca	aacattgaaa	cggttcacta	taaaataaca	aatggcta	gtacctgaat	2040
ttttcagtaa	aaaaatgaac	ttctaatacc	agttgcccta	gtgtccacct	cctatccaat	2100
gttaccaagc	atggcactcc	agaaccagag	accaatggaa	aatattaaat	ctggcaatct	2160
ttatgatgta	aattttaccat	cctgatgtat	aaatattttg	tggtttataa	atttttttgc	2220
taaaacctac	agaaaataag	cactgaactg	tcttatgatt	caccatttgt	tcacactgaa	2280
aattttcatt	gatgggggaat	acaaaaatgt	tttaataact	gcatttaaaa	ataaatgcag	2340
gctcactttt	ccacatgtaa	aaagcaatgt	aatacctgca	catcataaaa	tgtgaaaagg	2400
gggttatttt	tgtccaaata	caccatttaa	aaaggtttta	aaaatacaat	gaaacttctt	2460
tataacttta	aaatctagct	caggcacccc	tggtttggag	ctgtttataa	ggaaattttt	2520
ctgagcagga	atcgttgctc	tataagcatt	tcatttctat	aattctttat	gggatgggaa	2580
aatgcttggg	agggcttagg	tctattatat	ataatgaagt	ttcactgtat	ttaaaatctg	2640
atcaatccta	cacaaaatgt	gtttttgtaa	ttcactgaat	ttatattaca	tgcttaattc	2700
aacctgaatt	aatttgggga	atattaaatg	attgatctta	tctaaatcta	gggggtgggg	2760
tttccagtgt	aatttctcca	gcattctatt	aaacattcac	ctagtactta	cttacttaag	2820
aattatagga	gctttataaa	tgg				2843

094887336.03400

<210> 4048
 <211> 1420
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1421)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1420)...(1024)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

09488722.012100

<400> 4048

tgctcgtggaa	ttcgggattt	gatttaggct	tagctctacc	atagaccaag	gttttaactt	60
gaaccttact	gggtgctagc	ttcccatat	atttaattct	gtgatctcta	gagatccttt	120
aagttctaaa	ctagactttt	ctaagtagaa	gcttaaactt	aaaattcaat	aacattcaaa	180
aaagatattg	aggtatactt	taattttcaa	aaatatgatt	gtaatgttta	ttggaatgct	240
cagaggatat	tttgtaaaaa	gcaaagatat	aaaaaaaaca	aaggaataac	tggattaagc	300
atcaagccta	attggggagct	gctgggtaag	gaggccatga	gagattgctc	tggagtagct	360
ttgtctttca	ggagaaggaa	gttatagaac	aatgattaat	tcttgaaatt	gatagaaaaa	420
tatatttaaa	tatgttttaa	aatgtgagta	gaattctcat	aatgctgggt	tggatatata	480
ttgatacatt	caattaaaaa	aactgggtact	acctcctaaa	attgaaccta	tgcatacttc	540
caaaggacag	agcagttttg	ctctcagata	tatcgccaca	gaaatgcata	cacttggtgtg	600
ctggcagata	agcacaagac	ttttcatagc	atccctattc	ataattgccc	aaaactggaa	660
acagcccacg	tatccatcag	cagtaaaatg	gatgaataaa	ttgagttatg	tttgctgtat	720
tgcaagtggg	tactgtgcaa	ctaagaataa	gtagttgtgt	gcaataacat	ggatagatct	780
accaaata	aagaagccag	acacaaaata	atatatacac	tatgatgata	gcagttacat	840
tttataaaat	acacatgcaa	aaacaggcaa	aactaattta	tgggtgttaga	gtatgagata	900
gtaggtactt	ctgggaagaa	aaaaaggagt	tggggagaata	tataaaaata	tgactaggta	960
aggccaggca	cgggtggtca	cacctgtaat	accagcactt	tgggaagctg	agatgggtgg	1020
atcacctgag	gtcaggagtt	cgagactagc	ctgcccaca	tggtgaaacc	ccatgtctgc	1080
taaaaataca	aaaattagct	gggtgtagtg	gcacatgcct	gtaatccag	ctatttgga	1140
gggtgaggca	ggagaatcgc	ttgaacgcgg	gaggcagaag	ttgcagtgag	ccgagattgc	1200
accattgcac	tccagcctgg	gcaacaagag	caaaactctg	tctcanaana	nanaaanaaa	1260
aaaaaaaaan	aaaagggggc	ccccttttaa	aaaaaaaaaca	ttttaccccc	ccgcgcgggc	1320
gagatttttt	ttttttttgg	ggccccaaaa	aataattttc	gggggggctg	tttaaaaaag	1380
gggggggggg	aaaaacccgg	tggcaaccca	taattttgtt			1420

<210> 4049
 <211> 669
 <212> DNA

gtgtgtccct	gtacgtgaac	ccgagtgtgc	ccacgtacac	gtacccaact	gtcctcatgt	840
acacgtaccc	gagtgtgctc	acgtatacgt	acccgagtgt	gctcacgtac	acgtacccga	900
gtgtgccccat	gttcatgtat	ccgtgtgtgt	acgtacccga	gtgtgtgtat	gtgcctgtgt	960
gtacgtactt	gagtttgtgc	ccatgtacgt	gtacccgagt	gtgtgtacgt	gcctgagtgt	1020
gtgtacgtgc	ccaagcacag	gcacattgtc	cagatccaca	taacactcct	tctttgcagt	1080
tgcttcctcc	acacacagag	tgtccccc	ctctccagg	tacacactgc	agtgtgggtg	1140
aacatcaaaa	gccgtgcagt	gagagaagcc	aatcacagca	gggccgtgcc	gcctgacagt	1200
gttcacatgg	aagttcggaa	aagacggctc	tgtagagaca	gacagatttg	tggtttccca	1260
aggttggggg	tgacggttag	gagtcaggat	ttctttttgg	ggggatgata	atgttctgta	1320
atggatcgcg	gtgacagg					1338

<210> 4051
 <211> 709
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (59)...(528)
 <223> similar to gi407082 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4051	
gagcactctg	aaggccacag ggtgtccaac agatgaagac agaggaggga ctggcaggcc 60
ccaggcttcc	ctctgaacac atcccaaacc tccccactac tctgcagtca gcacccaaag 120
ccccagtcac	cgccatctct caccagaca gcagcaacag cgtccagggg acccctccct 180
caccctaacc	ccccatccta aatcacagtc caggcttcac gtagcagcca cagggggcct 240
ttaaaaacag	agtcagagca catctctcac ctgatgagac cccgcatcag cttcccattg 300
ctcttgacgt	gaagtcgaag ccactcatca cagccgagtg cctgggtggc ccccgccagc 360
cgccctcat	cacctgcacc agcctcttgc tgtctccctg acagcagtcc cctccctgtc 420
ctaggggggtc	ttacagccag caacttcttt ccacccagg actcttgac tgcttccctc 480
cgctcggaag	tctcttcccc agccctgcac atagccgcca ccttctcggt cctcactcag 540
ggctcaattc	agatgtctct gcctcagggg gcctcctctg accattccca gtaggaccct 600
cctcatccct	tggtccagc tgccttgcca gccctggcaa ctcttcgggc tcaaacgggt 660
ggcactgctt	tacaatgcac tcaccatgct taaccctaag aaaggcccg 709

<210> 4052
 <211> 1864
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (7)...(506)
 <223> similar to gi4220590 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

001270" 03460

```
<400> 4052
cccacgcgtc cggaggagca gcaggagggg ggctttgcgt cccccacgtt tgtcaaggtc 60
tagtggaagc ggaagccggc aggaggtggc ccgagcaggg ccgggtcccc gcgccggaca 120
tccaagaaaa ccaaggtgga gccctacagt ctcacggggc agcagagcag cctcatcaga 180
gaggacaaga gcaacgcca gctgtggaat gaggtcctgg cgtcaactcaa ggaccggccg 240
gcgagcggca gcccgttcca gttgttcctg agtaaagtgg aggagacgtt ccagtgtatc 300
tgctgtcagg agctggtggt ccggcccatc acgaccgtgt gccagcacia cgtgtgcaag 360
gactgcctgg acagatcctt tcgggcacag gtgttcagct gccctgcctg ccgtacgac 420
ctggggccgca gctatgccat gcagggtgaac cagcctctgc agaccgtcct caaccagctc 480
ttccccggct acggcaatgg ccgggtgatct ccaagcactt ctgcacaggc gttttgctga 540
aaacgtgtcg gagggtcgt tcatcggcac tgattttgtt cttagtgggc ttaacttaaa 600
caggtagtgt ttctccgtt ccctaaaaag gtttgtcttc cttttttttt tttttttatt 660
tttcaaatct atacattttc aggaatttat gtattctggc taaaagttgg acttctcagt 720
attgtgttta gttctttgaa aacataaaaag cctgcaattt ctgcacaaaa caacacaaga 780
ttttttaaag atggaatcag aaactacgtg gtgtggaggc tgttgatgtt tctggtgtca 840
agttctcaga agttgctgcc accaactctt taagaaggcg acaggatcag tccttctctc 900
gggttctggc ccccaaggtc agagcaagca tcttcttgac agcattttgt catctaaagt 960
ccagtgcacat ggttccccgt ggtggcccgt ggcagcccgt ggcattggcg ggctcagctg 1020
tctgttgaag ttgttgcaag gaaaagagga aacatctcgg gcctagtcca aacctttgcc 1080
tcaaagccat ccccccaccag actgcttagc gtctgagatc cgcgtgaaaa gtcctctgcc 1140
cacgagagca gggagttggg gccacgcaga aatggcctca aggggactct gctccacgtg 1200
gggccaggcg tgtgactgac gctgtccgac gaaggcggcc acggacggac gccagcacac 1260
gaagtcacgt gcaagtgcct ttgattcgtt ccttctttct aaagacgaca gtctttgttg 1320
ttagcactga attattgaaa atgtcaacca gattctagaa actgcggtca tccagttctt 1380
cctgacaccg gatgggtgct tgggaaccgt ttgagcctta tagatcattt acattcaatt 1440
tttttaactc agcaagtgag aacttacaag agggtttttt tttatttttt ttttctctta 1500
atgaacacat tttctaaatg aatttttttt tgtaggtagt gtatatgtac caagaaagat 1560
ataacgttag ggtttggttg tttttgtttt tggatttttt ttcttttgaa agggtttggt 1620
taatttttct aattttacca aagtttgtag cctataacctc aataaaacag ggatatttta 1680
aatcacatac ctgcagacaa actggagcaa tgttattttt aaagggtttt tttcacctcc 1740
ttattcttag attattaatg tattaggtag gaatgagaca attttgtgta ggcttttttt 1800
aaagtccagt actttgtcca gatttttagat tctcagaata aatgtttttc ccagatagaa 1860
aaaa 1864
```

<210> 4053

<211> 1837

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1840)...(1578)

<223> similar to gill177607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4053

aatactttctc	tttttttaat	ttataggaga	tatagaaaaa	aaatatcatt	tgggtgtgag	60
tccacttttg	gatcgtcaca	ctgaatctat	tgccaacatc	cagattggta	actatacata	120
tttagatata	gctgggttaga	aaaatgccac	tgtttttatc	aagaaggga	atatatttga	180
aatataaaaat	attaaaaatta	tgctcatttc	tattttttaa	aataatttaa	gaaattttac	240
ccttgttttc	ccttgttatg	gctcttctaa	ttctcattta	atttttaggat	gtaaaaagta	300
tattttttgca	gaacaggcag	cagcaataac	ttgtttctgt	tcttatgtaa	ataagaatcc	360
attatttcgct	catgtggaag	cttcttttgc	atcatttggg	actgccattt	aaaaaaggat	420
aggtaaacaa	agaaatgaca	aaaataaaaat	aaataaaaata	aaaatggata	ggtgggtgacc	480
cactgagcct	gatcataata	cgaagaccag	cttctgccac	tgccctttcca	gactcttacc	540
actgcctggt	gattaaatct	aactcttcaa	catcctagac	aggcccttat	aatcttgctt	600
caaagtgtgt	gcagccatct	tgccctcaact	tccctctcat	ttgcctacag	catctcggga	660
cgcttctgtg	tttcccaaagt	atacgctgtt	ctttcgtctt	ttgtgcctcg	ccagtgtctt	720
ccatgtgcct	cgtagagtta	tttttcttga	agaggcagct	caaagtgtac	cttctccaga	780
agctgctctc	cacttgcttt	aggcagagtc	agtcactttt	cttctagatt	ccaaagtgcc	840
tgatccactt	ggttggtgat	tcctggagcc	tagcaccaca	ccagaagcac	gaggcccttg	900
agaactgtgt	tgagtgaact	aataactgta	ttatagaaa	cataatgaaa	atgtcctgtg	960
actgaagtat	gtgtagcttg	ttgcaggagt	tcacaggaaa	gttgactagg	attgagtgtg	1020
ttgggctttg	ggtataaagg	agggggattc	tacgggggca	gtagctcaac	aagggaataga	1080
gggaggagtg	taatttttgt	agctggtgtt	gaatagggcc	tttgagaatc	agactgaaca	1140
cagtgaataa	tgtgcccaaa	gttcagaaa	atgaagtttc	cagaaactaa	gaaggtagca	1200
caatatgtgg	catcactact	agaaaggga	accatgccat	ggggccagaa	attcagaaac	1260
gtaattctta	cattgtgatt	gcaatggata	ctcatggaag	aaagtgggta	gtggccgatt	1320
tgacttcaga	gtgacaggta	gagaagggaa	gagcgtgtag	aactgtggcc	agactttagg	1380
agtgtgaggg	atgctgaatc	tcccagagag	ctcacactgg	ccaggaatgc	tgagagtagc	1440
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ttctcaagta	gaataatctt	caaatgcaaa	agaatacatt	agaaatggac	aaaagtggcc	1560
aggagcggtg	gctcactact	gtaacccagc	actttgggaa	gccgaggcgg	gctgatcgct	1620
tgaggtcagg	agttcgagac	cagcctggcc	aaaatagtta	aactcacgtt	tctactaaaa	1680
atacaaaaat	tagctgggtg	tgatggccac	ttggggaggc	gagataggag	aatcgcttga	1740
acctgggagg	cagaggttgc	agttagccaa	tatcgtgcca	ctgcattcca	gcctgggtga	1800
cagaatgaaa	ctccatcact	ccatctcaaa	aaaaaaa			1837

<210> 4054

<211> 608

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (19)...(258)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4054

cccacgcgta	cgccacgcg	ttcgctcggc	tcaactgcagc	ctccacctcc	tgggttcaag	60
caattctcct	gcctcagcct	tccgactagc	taggattaca	ggcgctgcc	actacgccca	120
gcaaattttt	tgtattttta	gtacagacgg	ggtttcgcca	tggtgaccag	gctggtctca	180
aactcctgac	ctcatgattt	gcctgccttg	gtctcccaaa	gtgctgggat	tacaggcggtg	240
agccaccacg	cccggccata	atctgttcaa	gtttcttagt	tgtagttgcc	tccatttctt	300
tataaaatga	agccattcaa	catttttaagt	ataaggttta	atgcaatgag	atagggcaag	360

ttcttaggtt	aaaagttaat	gttcaaatat	aacatctatt	ttttctttcc	tgcagcaaac	420
caagaggaag	ctagatgatg	ccagcaaacg	tttggagttt	ctgtatgata	aacttaggga	480
acagacagta	agttttggag	gaaaaggatt	tatgataatc	atttattcct	agttgctagt	540
aaaacagttg	tcttatcagc	actcccattt	agtatgcatg	ggggcaaaat	tgtcatgaca	600
tttagagg						608

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<210> 4055
<211> 858
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (240)...(842)
<223> similar to gi3878402 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4055						
tgggtaagaa	ggcctggctg	ttgatgggca	atgctattcc	tgaggggtcca	actgcctatg	60
tgctaacttg	ggagcaaggt	cgttatttaa	tatggaatcc	ctgcagtgga	catttttatg	120
gacaatttga	tacattctgt	cccttgaaaa	atgtgggctg	tttaataggt	cctgacaata	180
tttggtttaa	tattcaacga	tatgaatctc	cactaaggat	aaattttgat	gtcaccaggc	240
ccaagctatg	gaaatctttc	ttttcaagaa	gccttccata	tccctggcctt	tccagtgttc	300
agcctgaaga	gctaattttac	cagcgctcag	acaaagcagc	tgcagctgag	ctacaagaca	360
ggattgaaaa	aataactaaaa	gaaaaaatca	tggactggag	gccacgccat	ctgactcggt	420
ggaataggta	ttgtacctct	actctgcgtc	acttcttgcc	tctgttagaa	aaaagtccaa	480
gggagaagat	gtagaagatg	accacagagc	agaactgcta	aaacagctgg	gagactacag	540
ggttctctgg	atttctctct	cacatgcctt	attctgaagt	gaagccttta	attgacgctg	600
tgtatagtac	tggagtacat	aatattgatg	ttcctaattg	tgaatttgct	ttagctgtat	660
acatacacc	ataccccaaa	aatgttttgt	ctgtttggat	ctatgttgcc	tctcttatac	720
gcaacaggta	atttttttca	ctgtactttc	tctatcatgt	aaaaactaca	cttaggatat	780
gagaaaattt	taaattatat	gcatcacatc	agaagaacat	attattggca	aataataaaa	840
ttatcaactg	ttttcaaa					858

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<210> 4056
<211> 3680
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1029)...(1247)
<223> similar to gi4959382 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4056
attgacctgc tgcggcagta gaacgagctg aagtcacccc acagccctat ttcctttcttt 60
cctgttcctc accccgatca cgcttgattt attgatggtg gttccaccag gcctaatacgc 120
cacacaccag caaaggcagg ctatgctata gtacaagcca ctagcctgcc tctcagaacc 180
tctcatttcc tttccatcgt ggaaatctat cctcaaggaa ataatttctc agtggtccat 240
ctgctgttct actattcctc agggattatt caggccccct cccttcctta cacatcaagc 300
tcgaggattt gccccacccc aggactggca aattagcttt attcaacatg tcccaagtca 360
ggaaactaaa atacctctta gtctaggtag gtactttcac tggataggta gaggcctttc 420
ctgcagggtc tgagaaggcc accgcagtca tttcttccat tctgtcagac ataattcctc 480
agtttagcct tcccacctca atacagtctg ataacagggt agcctttatt agtcaaatca 540
gccaaagcag ttttcaggct cttagtattc tgtgaaacct ttatatccct taaggtcctc 600
catcttcaag aaaagtagaa tggactaaag gtcttttaaa aatacacctc accaagctca 660
gccaccaact taaaaaggac tggacaatac ttttaccact ttcccttctc agaattcagg 720
cctgtcctcg gaatgctaca ggttacagcc catttaagct cctgtataga tgctcctttt 780
tattaggccc cagtctcatt ccagacacca gaccaactta gactgtgcc caaaaaactt 840
gtcatcccta ctatcttctg tctagtcata ctctattca ccattctcaa ctactcatac 900
atgccctgct cttgtttaca ctgccggttt aactgtttc tccaagccat cacagctgat 960
atctcctggt gctatcccca aactgccact cttaaactct gaagtaaata aataatcttt 1020
cctggcagga ctatggtgaa tctccttaag cactctctaa tcagacatcc tgagtcgtcc 1080
caattcttag accttttata cctgtttttc tccttctggt attccattta gtttttcaat 1140
tcatacaaaa ccgtatccag gccatcacca atcattctat atgacaaatg tttcttctaa 1200
caaccccaca atatcacccc ttaccacaag acctcccttc agcttaatct ctcccgtct 1260
aggttcccac gccgccccta atcccgttg aagcagccct gagaaacatc gcccaattctc 1320
tctccatacc accccccaaa aatttcaccg ccccaacact tcaacactat tttgttttat 1380
ttttcttatt aatattaagg aaggcaggaa tgtcaggcct ctgagcccaa agccaagcca 1440
tcggcattcc ctgtgacttg cacgtatacg tccaggatgg gcctgaagta actgaagaat 1500
cacaaaagaa gtgaatatgc cctgccccac cttaaagaag tgtaaattggc cggtccttgc 1560
cttaactgat gacattcccc cacaaaagaa gtgaaaattg ccggtccttg ccttaagtga 1620
tgacattacc ttgtgaaagt ccttttctcg gctcatcctg gctcaaaaag ctcccctact 1680
gagcacctta tgacccccac tcctgcccac tgagcacctt gtgaccccca ctctaccctg 1740
ccagagaaca aacacccttt tgactgtaat tttcctttac ctacccaaat cctataaaat 1800
ggccccaccc ctatctccct tcgtgactc tcttttcgga ctaccccgcc ctgcacccag 1860
gtgaaataaa cagccatgtt gctcacacaa agcctgtttg gtggtctctt cacacggacg 1920
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ccagcccaag aaacatctca ccaattttaa atcagcggcc aggcgttcct ccagaacctc 2100
ctcccacagg aacttgctac acatgccgga aatctggcca ctgggccaag gaacgcccgc 2160
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gttcaactca cctggcagcc actcccagag ctctggaac tctggcccaa ggctctctga 2280
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cggaagcccc ctgaccatc acgcacgccg agcttcgggt aactctcaca atggaaggca 2400
ggaatgtcag gcctctgagc ccaagccaag ccatcgcatc tcctgtgact tgacgtata 2460
caccagatg gcctgaagta actgaagaat cacaaaagtg aaaaggccct gccccgatt 2520
aactgatgac attccaccat tgtgatttgt tccgtcccca ccttaactga gtgattaacc 2580
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aatcagaagg caggaatgtc aggcctctgt gcccaagcca agccatcgca tcccctgtga 2940
cttgacagta tacgcccaga tggcctgaag taactgaaga atcagaaaag aagtgaaaat 3000
gccctgccct gccttaactg aatgacattc caccacaaaa gaagtgaaaa tgggcccggc 3060
cttgccctaa gtgatgacat taccttgtgg aaagtccctt tcctggctca tcctggctcg 3120
aaaacaccgc cactgagcac cttgcgaccc ccactcctgc ccgccagaga acaactcccc 3180
ctttaactgt aattttcctt tacctaccga aatcctataa aacggcccca cccctatctc 3240

```

```

cctttgctga ctctcttttc ggactcagcc cgctgcacc caggtgatta aaagctttat 3300
tgctcacaca aagcctgttt ggtggtctct tcacacggac gcgcatgaaa tttggtgccg 3360
tactcggat cgggggacct cccttgggaa atcaatcccc gtctcctgt tctttgctcc 3420
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ccaatttcaa atccggtgca gctaccagggt gaactgccag gacttcaaag ccacaacca 3540
aaagccagaa aacactacca agtacaagcc ccggacactg gacccagagc acaccctggg 3600
catctgctct gagatcctct ccctggacag agacagctgc tccttcagaa acagaggaga 3660
ccctgaacac aggcaggcct 3680

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<210> 4057
<211> 1968
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1971)...(1677)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 4057
ccttgcttgc aggaagccat gcagttagtt tctgcagtta gtcgtgtgag gctaggtggt 60
tgggcaggcc tcgggctgta ggtgttgggt gggaaaaaga cccaagggcc tgaaagggag 120
ggaaagggga gggtagcggg agggtagcag gtgagttcct agggctggaa ggtttaacag 180
cagcctgggtg cagtgccttg tcatcaagac aaacccacgg tcctcctggg tgcctaccaa 240
gcttggtttg tacaaaagca aggtgggagt ctatttttgt acatgagata catcacactt 300
acctgtgggc cagtattgtg aagtgagttc gagttgttta cactgatgcc ttccctgccc 360
accacaaatt gtgtacatag tcttcagatg ataccacccc tttcccagc tcccaaccaa 420
gagctgggtc taggcctgtg ttatatgtca tatttagcgt ttttatatat gacctttgat 480
ttctgttggt tgtattttag cacagtgtat gcaccttcac ttaaatacat ctgtgtgcat 540
acagatacgc atatatgtgt gtgcgtatgc atatatctct catctgtagt ttccaagagt 600
tcagctgaag cagatggagt cctgcagccc aggagacacc ctgcatccct gctaatagtg 660
tttgccacaa gtattagtga gtcttcctta ttaatatatt catttcagaa gactgaagca 720
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tgttcctcaa gctgcacttt ggggccatct ctgcagtatt agcccccttt ttgcttggtg 840
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gtttgtggca tttggggata aggtgctgaa gccagagcat ttgcagtttg tttgaggcct 960
cgttgccaat gatagatcac tcctgttgac ctggtatgtc tgcttgcttg ctgcttttcc 1020
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cagctggctc atggccttct tagagcagag agaggagtat gtcattttac taagtctcta 1140
aacaacatt tatgcaggca acactccttg cagatccaga aactgaggca caatagggtt 1200
atgacttgct caagaatatg tagctgctag ggggtaaatc aaggcatcac aatttctgtt 1260
cagcgggcag gaataggctg tgaattgcta gcactttttt tttttaagca attacttttt 1320
gacttgttcc tctgaaaggg caagaggcgt acacctttcc caaatgtaaa ctaaaatctg 1380
caggatgcca cccactgtat agttctgctt tcccagagag gaagaacttt tagaaaccaa 1440
atgatcttaa ttgttattgc ccaccctgg cttttccggg tagaaaattc acagtaggaa 1500
tgattgttaa gagagagtgc ttggaacctat ggggttaacag gaaaggctac ctaacttcac 1560
atatctgcaa ccagagcagc caccaagcat tacttagcag caggaaaatg attgtatttg 1620
agttcctgtg tgtccaaaac tgaggcacca tgttctttga aaacatgcca cctcaaggct 1680
gggcgcgggt gctcacacct gtaatccag cactttggga ggccgaggcg ggcggatcac 1740

```

cggaggtcgg	gagtttgaga	ccagcctgac	caacatggag	aaaccccatc	tctactaaaa	1800
atacaaaatt	agccgggCGT	ggtggcatgc	gcctataatc	tcagctactt	gggaggctga	1860
ggcaggagaa	ttgcttgaac	ccaggaggcg	gaggttgCGG	tgagttgaga	tcgtgccatt	1920
gcactccggc	ctgggcaaca	acagcaaaac	tccgtctcaa	aaaaaaaa		1968

<210> 4058

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(125)

<223> similar to gi339675 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4058

attatgagat	ggttccctc	atcagccaag	cctgcgttct	tctcctggct	catttaaaac	60
gctatgcgga	atctggggac	gcatttgaca	tccagaggta	aggctgctgc	attacagatg	120
agaaatcgag	tttttgaatc	actgcttctt	gtaactgtcc	ataattgctg	acaattacct	180
tgggactagc	aaactgtgga	aacgctagaa	gctcataaaa	gcatggatgg	actgattaat	240
aaaaagaaaa	gaaacccact	taacatggga	aagagatgtg	agcagagcca	gggtacgtgc	300
gtcctgtcga	acctgtggat	ggatccaccc	tctgacctcc	acagacccag	gaatgggcag	360
gacaggcctg	cgcctaagga	cagggatggg	gggaaagttc	aagccttttc	actttaagaa	420
aaattgtggg	g					431

<210> 4059

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (943)...(652)

<223> similar to gi4914584 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4059

cttccttctt	tccatccttc	cttcctttct	ttctttcttt	ctgtttcgtc	cttttgagac	60
agagtttcac	tcttgtttcc	acggctagag	tgcaatggcg	cggctcttggc	tcaccgcacc	120
atccggcacc	cgggggCGAA	agagcatcac	gagacaagac	ccgcacagag	gggaagacag	180
ggaggcacc	ccacgcctgg	cttggctgat	gtttgtgttt	ttagtaggca	cgccgtgtct	240
ctccatgttg	ctcaggctgg	tctccaactc	ccgacctcct	gtgatgcgcc	cacctcggcc	300

tctcgaagtg	ctgggatgac	gggcgtgagc	caccgtgccc	ggcctgttga	ctcatttctgc	360
ttttttat	ctttcgtttc	cacgcgttta	cttatatgta	ttaatgtaaa	cgtttctgta	420
cgcttatatg	caaacaacga	caacgtgtat	ctctgcattg	aatactcttg	cgtaggttaa	480
atacgtatcg	gttgatgga	aatagacttc	tgtatgatag	atgtaggtgt	ctgtgttata	540
caaataaata	cacatcgctc	tataaagaag	ggatcgtcga	taaagacgtt	tattttacgt	600
atgaaaagcg	tcgtatttat	gtgtgtaaat	gaacgagcgt	acgtagttat	ctctgttttc	660
tttcttcctc	tccttcgtgt	ttttcttcct	tcctttcttc	ctttctctcc	ttcttttaggt	720
ttttcttcct	ctcttccttt	ccttctttct	ctctttctgt	ccttttttcc	ttcgtgcttt	780
atcttctctt	cgttccctgt	gtttccttct	tttttctttc	ctctctgttt	ctttttccct	840
tccttccttc	gtttctttcc	tcattctttc	tctctttttc	gtgtttcttt	ccttcccgtc	900
tgtcttttaa	aaaatggagt	gtttcagaag	tttactttgt	gtatctacgt	tttctaaatt	960
gtctctcttt	tctccattgt	cttcctccct	ccctccctcc	ctcactctcc	tgctcccgt	1020
cgacccggga	attccggcca	gtagcctatc				1050

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<210> 4060
<211> 1286
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (175)...(723)
<223> similar to gi4583449 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4060		
tttcgtgagc	tttgtgagag aaacaaggct ggcttcaagt gatctgcaac cagagtaatt 60	
gggatttgac	aaggactgtg aaaggctgac tctccctgtt ctctttcatg ctggcaccgg 120	
gcagagtgtg	ggaactactg cctcaatacg atcatagaag ccattgagat cccgcagttt 180	
atcgggccga	gttacctgac gtatgacaac ccagatatct tgaagagggt gtcaggatca 240	
agatcaaattg	tgttcatgag gtttaaaaca actgccaaagg atggcctttt gctgtggagg 300	
ggagacagcc	ccatgagacc caacagcgac ttcatttcct tgggccttcg ggatggagcc 360	
ctcgtgttca	gctataacct gggcagtggt gtggcatcca tcatggtgaa tggctccttc 420	
aacgatggtc	ggtggcaccg agttaaggcc gttagggtatg gccagtcagg aaagataacc 480	
gtggatgact	atggagccag aacaggcaaa tccccaggca tgatgcggca gcttaacatc 540	
aatggagctc	tgtatgtggg tggaatgaag gaaattgtct tgcacactaa caggcaatat 600	
atgagagggc	tcgtgggctg tatctctcac ttcaccctgt ccaccgatta ccacatttcc 660	
ctcgtggaag	atgccgtgga tgggaaaaac atcaacactt gtggagccaa gtaacaccag 720	
ctggccttgt	ccaagggaca gaggccttcta ttctgagaat cccaggggcc ctgagaccct 780	
gcctgatgct	atatgcagag gcccagggac cagggtgtgtt tcctctcacc aagaagaaag 840	
tacacactga	tgagaaactg agaaccaaga caggcatccc tgggtggcct ttctgtctga 900	
cactccacga	gctgacccag cagaattctc tgtgtaggaa gcacggact ttgtccattg 960	
aatatgtagc	ggctgccaga gatcacacat caatgcaaat tccagagcct gtctgctata 1020	
gctcagtgtg	tgtgttgtga ttcatagtac attaaaaaga gagagagaga gaaagaatcc 1080	
cacagggcac	tattaaaata cttctctcct tccctgactc atgacactct tcctgacagc 1140	
agaatgactg	tgtgaccttg aacttcacat ttccacatt ggcccttggg ttgttcggat 1200	
taacccttcc	cactcctcac tggctggttc actgtgttct gactagtcca taaaaataaa 1260	
gatggaagga	gatcaaacac agaaaa	1286

<210> 4061
 <211> 2112
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (13)...(1432)
 <223> similar to gi3413884 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4061

tttcgtggag	agggcgaaag	gatggcgctg	tgacagccgg	gccggagccc	tcgcgtcccc	60
accccgcgcc	ctggccgctg	ggcccggcga	gatggagtcc	acagcctacc	ctctcaattt	120
gagcctgaaa	gaagaggaag	aggaagaaga	gattcagagc	cgggaactag	aggacggccc	180
ggcagacatg	cagaaagtac	gaatctgctc	tgagggcgga	tggaaaatga	agaatctgac	240
gtaaagcctc	cagactggcc	aaacccaatg	aatgctacct	cccagtctcc	tcagcctcag	300
cactttgaca	gctttggcct	ccgtctgcct	cgggatataca	cagagctgcc	cgagtggagt	360
gaggggtacc	ccttctacat	ggccatgggc	ttcccagggt	atgacctctc	ggctgatgac	420
atagctggga	agtttcagtt	cagccggggc	atgcgccgca	cttacgacgc	agggttcaag	480
ctgatggtag	tggaatatgc	tgagagtacc	aacaactgcc	aggctgccaa	gcagtttgga	540
gtattggaaa	aaaacgttcg	agactggcgc	aaagtgaagc	cacagcttca	aaacgcccac	600
gccatgcggc	gggcattccg	aggcccgaag	aatgggaggt	ttgctctggt	ggaccagcgt	660
gtggccgaat	atgtcagata	catgcaggcc	aaaggggacc	ccatcacccg	ggaggcgatg	720
cagctgaaaag	ctctcgaaat	cgcccaggaa	atgaacattc	cagagaaaag	gttcaaggca	780
agcttggggt	ggtgtcgaag	aatgatgaga	aggatatgac	tgtctctgag	gcataaagtg	840
cccgtgcccc	agcacctgcc	ggaagacctg	actgagaaac	tcgtcactta	ccagcgagct	900
gtcctggctc	tgcgcagggc	gcatgactat	gaggtagctc	agatggggaa	tgcatatgag	960
acgccatttt	gttttagaggt	gccatcacgg	gtaactgttg	ataaccaggg	cgaaaagcct	1020
gtcttggtca	agacaccagg	cagggaaaaa	ctgaaaatca	cagcactgct	tgggtgtctt	1080
gctgatggga	ggaagttacc	accgtacatc	attttgaggg	gaacatatat	ccccccgggg	1140
aagtttccca	gtgggatgga	aattcgctgc	caccggtatg	ggtggatgac	tgaagacttg	1200
atgcaggact	ggttggaagt	ggtgtggaga	cggaggacag	gagcagtgcc	caagcagcga	1260
gggatgctga	tcttgaatgg	cttccggggc	catgccacag	attccgtgaa	gaactccatg	1320
gaaagcatga	acactgacat	ggtgatcatc	ccaggggggc	tgacctcaca	gcttcagggt	1380
ctggatgtcg	tgggtctaaa	gccactgaat	gacagtgtgc	gggcccagta	ctccaactgg	1440
cttctggctg	ggaacctggc	gctgagccca	accgggaatg	ctaagaagcc	acccttgggc	1500
ctctttcttg	agtgggtcat	ggtcgcgtgg	aatagcatct	caagttagtc	catcgtccaa	1560
gggttcaaga	agtgccatat	ctccagcaac	ttggaggagg	aagacgatgt	cctgtgggaa	1620
atcgagagtg	agttgccagg	aggaggagaa	ccacaaaag	attgtgacac	cgaaagcatg	1680
gctgagagca	actgaaggga	aagggaaagc	aaatggaact	ctgatttaaa	cagctgggga	1740
tgaaattcct	caagatgatt	attcctgaaa	gtgtggatgc	gctggatgcg	cagggaaacat	1800
caggaaaagg	ccacggggct	ctgaacagcc	ccggtccaga	cagcagcctg	tacatccatc	1860
ccaggacaca	gcccagcccc	tccccacacc	atacaaggta	tcagaaaagt	ctaggaccta	1920
tcatttcatc	agagacatga	tcagaaaaga	aactgcttct	gccccatttc	ttgttttgga	1980
gattactcca	tctgtccatc	aaaagaaacc	tgtaaatatg	aaagaacaaa	ggttatttct	2040
tggagaaaaa	aaaatttatt	caacaccaac	aagggacatg	tattgcggcc	ggtctggagg	2100
atccacacga	tc					2112

<210> 4062
 <211> 2006
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2007)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (3)...(752)
 <223> similar to gi3879218 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4062

tgataattga	aaaactggca	gaagggcttg	acattcaact	caaactctcca	gtgcagtgtgta	60
ttgattatnc	tggagatgaa	gtgcagggtta	ccactacaga	tggcacaggg	tattctgcac	120
aaaagggtatt	agtcactgta	ccactggctt	tactacagaa	agggtgccatt	cagtttaatc	180
caccgttgctc	agagaagaag	atgaaggcta	tcaacagctt	aggcgcaggc	atcattgaaa	240
agattgcctt	gcaatttccg	tatagatttt	gggacagtaa	agtacaaggg	gctgactttt	300
ttggtcacgt	tcctcccagt	gccagcaagc	gagggctttt	tgccgtgttc	tatgacatgg	360
atccccagaa	gaagcacagc	gtgctgatgt	ctgtgattgc	cggggaggct	gtcgcacccg	420
tgaggaccct	ggacgacaaa	caggtgctgc	agcagtgcac	ggccacgctc	cgggggctgt	480
tcaaggagca	ggagggtcca	gatcccacaa	agtattttgt	cactcgggtg	agcacagacc	540
catggatcca	gatggcatac	agttttgtga	agacagggtg	aagtggggag	gcctacgata	600
tcattgctga	agacattcaa	ggaaccgtct	ttttcgctgg	tgaggcaaca	aacaggcatt	660
tcccacaaac	tgttacaggg	gcatatttga	gtggcgcttc	agaagcaagc	aagattgcag	720
cattttaaga	attcgggtgga	cccagctttc	ttctgtaccc	cagatgggga	aatttgaatc	780
acatgttaaa	cctcagtttt	ataagagggg	gaaaaaaccc	tctctacata	gtaaaactga	840
aatgtttcta	aggcgatatg	ataatgcaaa	cctattttcat	cactctaaaa	gcactgacct	900
caaaaaacct	tataagcact	tagattttaat	tgcattttcc	ataggttcaa	ctactgctga	960
aagtctggat	ttcagaataa	agcagaatgt	aagtttcagt	tgaggccatg	gatttgattg	1020
ttccatggct	ggaagttccc	tttagatttc	acattttata	tggctgatca	attttcatac	1080
attgagaaac	caagtcaatc	aagcaggaat	catttataaaa	ccagataaag	ccatgttttt	1140
cttctgtgac	aatttatcag	tatctttacc	aatgagcctt	aattttttata	taggtccaat	1200
attgagcttt	tacttataaa	ttagatagaa	cttttttttt	ggatacagca	caaactccag	1260
tttgacagta	aaatgaagct	ttctaggtat	tttgtattgt	acatattttc	tcctactggg	1320
tgttcaaaag	aaattttaat	tcaagtacct	tttgtgataa	aatgttttag	aatttgtgca	1380
ccatttgga	aaacaggaaa	gtttccagat	aggatattgta	tcattgagga	atgcagcaca	1440
gatagtgtgg	gcttcacact	atagacacag	aatatagctt	tttcttaaaa	gccaaatttg	1500
ggtgatagga	cacttttaaa	tatccttaat	tttggcaacc	actaaagcaa	aaaaacttgt	1560
cagaataatt	taaccaagcc	cctctccact	tcttttattt	aaaagcactg	attcaattgc	1620
tagggaatat	ttttgccaga	tttttcttta	cagtattccc	ttagggcagg	tcactggga	1680
aaacttgcag	aaaaatgtga	gctctcctgg	taaatagtat	acattttata	agctatatatt	1740
taaaggccta	agaacatggc	aagtattttac	ttttatcttt	tttttaaaaa	cactcatgac	1800
cagaaaccag	tttaataata	tctcattcta	aaataaaaca	ctggttgcag	ggtcttcagg	1860
atgcctattt	tgccaagaaa	cttcagtata	caggttagaa	atatgctttt	gtttttgacc	1920
aataatatac	tggtttgctt	taaagaaggg	actaaatatg	acttttaaaga	gacttcaaaa	1980
tattgagtat	tttaaaaatt	taaaag				2006

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<210> 4063
<211> 1057
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1058)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1)...(233)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 4063
tttttttttt ttgagacgga gtctcactct gtcacccagg ctggactgca atgacgcgat      60
cttggttcac tgcaacctcc gcatccgggg ttcaagccat tctcctgcct aagcctccca      120
agtaactggg attacaggca tgtgtcacca tgcccagcta atttttttgt attttttagta      180
gagatggggg tttcaccata ttggccagtc tggctctgaa ctcctgacct tgtgatccac      240
tcgcctcagc ctctcgaagt gctgagatta cacacgtgag caactgtgca aggcctggtg      300
tttcttgata catgtaattc taccaagggtc ttcttaatat gttcttttaa atgattgaat      360
tatatgttca gattattgga gactaattct aatgtggacc ttagaataca gttttgagta      420
gagttgatca aaatcaatta aaatagtctc tttaaaaggga aagaaaacat ctttaagggg      480
aggaaccaga gtgctgaagg aatggaagtc catctgcgtg tgtgcaggga gactgggtag      540
gaaagaggaa gcaaatagaa gagagagggt gaaaaacaaa atgggttact tgattggtga      600
ttaggtggtg gtagagaagc aagtaaaaag gctaaatgga agggcaagtt tccatcatct      660
atagaaagct atataagaca agaactcccc ccttttttcc caaaggcatt ataaaaagaa      720
tgaagcctcc ttagaaaaaa aattatacct caatgtcccc aacaagattg ctttaataaat      780
tgtgtttcct ccaagctatt caattctttt aactgttgta gaagacaaaa tgtggacgga      840
tatatttagt tgtaaaccaa gtgatgaaac tgcataattgt aaaggccatt tttaaaatac      900
gttgatatat tgggtatgca cagtaaaaat ggaaactata ttgacctaaa aaaaaaaaaa      960
ggaaaccacc cttaggcagg caggacatgc tcttcagaac tctgctcttc agagttccaa     1020
agaagggata aaacatcttt tatnnccatc aaataggc                                1057

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<210> 4064
<211> 999
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (733)...(866)
<223> similar to gill77607 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 4064
aggatcgctt taggtgccgc gacccacgcg tccgcctggt cgcagctgcg gcacttcaag      60
gttactgact ttttatgatg tttggtggct atgagactat agaagcatac gaagatgatc      120
tttatcgaga tgagtcactt agtgaactga gtggtgatag tgaggtggaa tttcaactct      180
atagccaaat tcattatgcc caagatcttg atgatgtcat cagggaggaa gagcatgaag      240
aaaagaactc tgggaattcg gaatcttcga gtagtaaacc aaatcagaag aagctaactc      300
tcctttcaga tagtgaggtc atccagctgt cagatgggtc agaggtcatc actttgtctg      360
atgaagacag tatttataga tgtaaaggaa agaagttag agttcaagca caagaaaatg      420
cccatgggtc ttcttcttct cttcaatcta atgagctggt tgataagaaa tgcaagagtg      480
atattgagaa gcctaaatct gaagagagat caggtgtaat ccgagaggtc atgattatag      540
aggtcagttc aagtgaagag gaagagagca ccatttcaga aggtgataat gtggaaagct      600
ggatgctact gggatgtgaa gtagatgata aagatgatga tatccttctc aaccttgtgg      660
gatgtgaaaa ctctgttact gaaggctgcc agacacccta cttgaaggat cctgttgtaa      720
cctgtggaaa taatacttac aagaacgttg cagctaagct ggtccgggtg cagtgggtgt      780
acaactaatg gatcacaacc agtcacggat ttctttgttc catctccatt cccacttctt      840
cacttgacta gccttaaaaa ggctcatgcc tgtaatccca gactaagggt aggtcagac      900
agaaggatca tttgagccca ggagtttgag atcagcccag gcaacatagc gagacttcat      960
ctctactaaa aataaaataa aaaaattagc caggaaaaa      999

```

```

<210> 4065
<211> 934
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (74)...(339)
<223> similar to gill177607 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4065
tttcgtctag ccttagcgag gccatggggg aaaaagtcta actggcgga ctcctgggaa      60
ctggggcgat gggctcttag tatcggagga ttggagccat ctgattttta cctgaaattc      120
cttagtctct cctgtgttg ggaatgggtc accttgccct cagggacctg ggctttcagc      180
tgtccatacc tggccctggt tgatggcggc atgctgggca gtgcacgtga agacgcacat      240
gagaccggga cttgctgtgt tgcccaggct ggtcttgaac tcctggtctt aagcaatcat      300
actgctttgg ccacccaaag cactgggatt acaggcgtga accaccacac ccagctctta      360
aaaccacagt atttctaggt cagtataaca cacctgcccc agggacttac aggtgtggca      420
gaagcttgga cttctggctt ttctctctct tgcaaccagg cagctgcag ctaccatttc      480
ctcccttcac tacgttttag attctttcct ttctattcct gtcattacca tgctaacgta      540
catctctatc caccttgctg ttgggcagg atgagcggct tgcctggctgt tcttccttgc      600
cttttggtct gtttctactt agctgactcc tcaattgggt agaaacattc ttcatcaata      660
ctatactgtt ataggctgtc ccttgtgatt tcaaactcta gtaccagata ctgttctctg      720
gttggttctt atgggcatca cttgtttttc tggctaaata ctagatctaa ggtaggaata      780
tggcttttgt tttactaagc agtgggtcaa gccctactgt gagcgactg ctagactggc      840
agatctctga gaatttcaga ggatttcctat ataattgttaa gtgactaaac ttaataaact      900

```

taattaaaaat caacatctca agatattgaa aaaa

934

<210> 4066
<211> 422
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(117)
<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4066
tttttttttt ttgaggcaga gtctcactct gtcacccagg ctggagtgtg gtggcgcaac 60
ctcagcctct ccaagtgtctg ggattacagg catgagccac cactcccagc caatagttaa 120
ttttctaaga gcatgtatcc ctatcagtaa gtaacaggga tacatgaaga tacttataaa 180
atacagaaaa actgcccagc aaatcagggc cctaaacagt tggtagattc cataaattca 240
actggctacc atgtatagcc ctactgttaa ggtaggtggt taggttttcta gagagcatta 300
gtcttagaat tatgaagagc catattaacc caaatgattt ctaaatttag atatatattt 360
tccctgctac ataaaaactc tgggtaataa ctagaaatag acccacaatt tagagacaat 420
gt 422

<210> 4067
<211> 1319
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (22)...(693)
<223> similar to gi5689527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4067
aggcagcacg cggaggagcg cggccgcccgc aaccccaaga cgggggttgac cctggagcgt 60
gtgggccctg aaagcagccc ttacctctg cggcgccacc agcgccaggg ccaggagggc 120
gagcactacc acagctgctg gcagctggcc ccgacgcgag gcctggagga gtctgccacg 180
gccccctgag cttgccggtg gccctcgggt gggcggggtg gcgcgcgggc cactgaagca 240
ccgcgcatgg agtggaaagt gaaggtgcgc agcgacggaa cccgctacgt ggccaagcgg 300
ccgctgagag atcggtgct gaaagcccgt gccctgaaga tccgggagga gcgcagcggt 360
atgacgaccg acgacgacgc ggtgagcgag atgaagatgg gccgctactg gagcaaggag 420
gagcggaagc agcacctgat ccggggcccg gtgacgcgga agcggcgcgga gttcatgatg 480

cagagccggc	tggagtgcct	gcgggagcag	cagaatggcg	acagcaagcc	cgagctcaac	540
atcattgccc	tgagccaccg	caaaaccatg	aagaagcgga	acaagaagat	cctggacaac	600
tggatcacca	tccaggagat	gctggcccac	ggcgcgcgct	ccgccgatgg	caagcgggtc	660
tacaaccctc	ttctctcagt	caccaccgtg	tgagctgccc	gggcgggtac	acggcccagg	720
cccagggaac	cccttggggc	cccggccctc	actctcctat	agagattgtg	tgtgtgtgtg	780
tgtgcgcgcg	cgcggtgctg	ctgtgcgcac	gcacacatct	cgtctgggtg	tgcgcacagg	840
gctttgttag	cagagagaag	cccctgagga	gaagggacgc	ttttcttcct	tctgcccagg	900
taaagtgacc	atgccagtgg	ccagcactgg	gggcacacct	gtgatgggca	ccccttcagc	960
tgtgcgtgtg	cattccccat	cccccatgct	cttgcggtgtg	cttgcacgtg	cacgcacaca	1020
cacaccagtg	gctctctcca	cccgaaccgt	gtacttgtag	acagggaagc	tgagctgaaa	1080
ggagcacaag	agagtgtccg	gcttcgctgc	tgagcgcggc	ctctccccgc	cgctgcgcac	1140
tgcaattatt	tgtagacaaa	ggcacccttg	atgtttgtgg	ttttctctcc	tttctgtgct	1200
tgccaatagt	gtttttgttt	tgtggacctg	ccctgggggc	tggcagctcc	ttcaggcagc	1260
ctggcagaag	tggaaactccc	ctctccactg	atggctggga	aggaggttgg	ggaggaaga	1319

<210> 4068
 <211> 1591
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1594)...(479)
 <223> similar to gi5052670 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4068	
tttttttttt	ttagcaaaaa gtagactttt attacagcag caactgaggc gaatcgaatg 60
gccccccagg	gccaccactg cagcaccacc tttctctccc gccccggccg cccagcgggg 120
attgtagaat	tcggctcccc tagtgccgtg gggcctcctt tccacacagg ctgggcggga 180
gccggcagat	cagcgactag cccccaacta gaaggcggct gctgagaagg cccaggccca 240
cgtctgtgca	aaacaagtaa acaaagtgca gaggggagga agagagggga ggggaaagga 300
tgatgctcag	aaccagggag cccccccagc cctcctgaat aataaaggag ggaaggggct 360
tcacagggtg	atactgactg gggggaaggg acaggagggc tgcagcacgt ccaggggacag 420
ccacagcgca	gatcagggcc tggcccaggt gagctctaag aggagacggt gacagcggt 480
gagttgaggg	tactgttcct ggcaaaattg aacttggtca aggtctcttc tagcagagaa 540
gtcaaccggc	tctggtcagc ctactaatg aagcccagct gcaccagctc agccgccaac 600
tcggggatat	tctcatttgg catcaggtca cagctcaggt gccggttcag tttgtcctcc 660
aacttcagca	gaagtgtcag gtggtgtttg actccctcct ccaccgactc aatgttgac 720
tgcatcagca	ccaccttgcg agtctccacc tcagctggtt caggtgtcgg agtcttgaca 780
gaggggggca	cgacagggtg tgtcacctcc tcctgctgtg gctgctgggg ccgaggcagc 840
ccaaaggctg	tcagaggata gatccattc ctgacatctt caaggaattt atctaattcc 900
agagctggtg	actgagagta caaagtctga actggttctc ttcttggtcc tgcagggatt 960
tcagccagta	cggcactagt atccatgttt ttggtgatct cctctagagc gttctctggg 1020
atcatgtgtt	ggtgtcccac aatgcagtgg gccgcaagga gtttgagcga gggcacttca 1080
aacaatgctg	ggtggaacag aagttctctg gctgttggtc tgcgagcagg ctcagactgc 1140
aggcactttt	gaatgaactc cctctgtaat gggctctcta gaagctggat ggcactgctg 1200
atggcttcct	gtggcacata tgaggactct ccattgccct gaatctccag cactgccatc 1260
tccagtgcac	acatgccaaa ggagtagatg tccactgctg ttgtcacatt agtgacttct 1320
ccatactctg	gtgcaaagaa gtgtagattc ttctgctctt ctcgacaagt cttcacatga 1380

ttgttgatag	tgtcaggagc	cacagagcca	atcttgatga	gtccgttggtg	ctggatgaag	1440
atggtgtcac	aggtcagggt	cccatggatg	atgggggggt	cacaggagtg	caggtagctt	1500
agggcagaga	ggatttggtg	gcaccaacgc	ttccatgcct	tttcattcat	cgtcttggtg	1560
ttcttttttg	tcttcttcag	aaattgcttc	a			1591

<210> 4069

<211> 1458

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1460)...(341)

<223> similar to gi337485 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4069

tttttttttt	ttgagaaaaa	aattgggctt	ttattggcaa	ttacaaaagt	aatagatttt	60
cttacataat	acgttccttc	agtaatatat	ttttcaagta	ttttaccgta	gaattttctaa	120
agtactttgt	cattgacccc	ataattttatt	ataaaagtagg	tcccataatc	acatttttttg	180
gaagttgctg	aaattgagat	aaaaaatatt	gtttttttat	gagaaaaact	ggacaaaata	240
cagaatggcc	aaaactagat	taactggctc	agttatgtct	actaggtgaa	agaaaataca	300
gaatctgtta	ctgtagaaat	tttaagaggt	tttgagtcag	ttccagtata	aaaataaggc	360
caaagtgtct	ctgtaaaatt	atcattaaaa	gtatagagaa	gagatctatc	attcaaatta	420
taaaaggaaa	cttcattcat	ttcatagtct	aaaaaaatgc	caatcttact	aggaattact	480
tgtggcagca	gaataatttc	cctgtggccc	aatacaatat	aattattctg	actagatcgc	540
caaattcccc	ataatccatc	ctgtactaaa	attggttgac	tcttcctcct	tctgggaaga	600
cagtcattac	agacaccaag	aatccattca	ggcttgtctt	tcacttctac	ttcccagtac	660
tgcttgccac	aactatatcc	cttagaacc	agaacagctg	ggaggagata	aaatcttctt	720
gggttatgag	gtacattttg	tgttgtattt	ccatagcgca	cagtttttct	atcttctgag	780
actataagtt	tacgatgtgc	tgtttcagga	tctagaatta	catctacttg	aaatcgcttg	840
ataatttagt	ctaggccaga	atattgtgga	ggcagatggt	aaccatattt	ttttaatttg	900
aataaaaaa	gctcagggaa	ttttaaatc	ttatatctgt	gatagatatc	cttaacattt	960
gccagtaatt	ccagttctga	cttcacatat	atgctctcta	tctccttttag	tagatatattt	1020
aatgaggagg	tataatctga	aaattttggt	aggctttcat	ttagttgtgc	taaaatatcc	1080
atctcttcat	cttgtaattg	cctaagaaca	gtctcttgct	cattttggag	aaataacctt	1140
agttgctcaa	attcagactt	gacttcttct	gccctatgtt	ttaccttttt	cttcagttcc	1200
agtgatttcc	tggtttgcat	agttatgact	ttttcaatta	gttccactct	ctccttccac	1260
ggtgcattgt	attcctccag	ttttttccta	tgataggagg	cagccttctt	tatgggcaa	1320
acacagtgat	gctggtgatc	agtggacaaa	ctgcaccttg	gacataaaag	ctataggtct	1380
ttctgacaga	agaagtcaa	aacctgatta	tgcttcttac	acacatgctt	ctcttctctg	1440
ctcttctctt	tcttgctt					1458

<210> 4070

<211> 1122

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1104)...(816)

<223> similar to gi498729 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4070

tttttttttt	ttaagtttag	ggcatttata	tatctgcaac	ccaataaacc	cctggtacca	60
tgcagctccc	ccaaattcag	tgcaaccaaa	gctgctgaaa	caagtccagc	cccagaaggt	120
gtagtggcac	tgtggtgtta	ccttattttt	atatgaccct	tcaaaaagga	cactgaaaac	180
ccagtgcctg	tttgagaga	tcatgtgtgg	aaattgaaac	cctgtcttta	aggaatgacc	240
aaattcatgc	tacttaacct	gaaaacttgg	gggcaaagtg	gttgtgatta	tctgaagggc	300
tgctatgtag	atgaagtatt	aaacatgtcg	taggcaaggt	ttagaggaga	atgtggtact	360
taaccttcta	tagatcccac	aatgaaatga	cctgccttgt	gaggtagtga	gctccctgtc	420
aagagagatt	ttcaagcaat	gggtagaaga	ccacttggca	ggagtgttgc	aaaaagtggg	480
ctaaaccaga	tttttccaac	ctagtatgga	ggaagaggca	gagtagggga	aggctctgcc	540
cctatgagat	tctcctgatt	gcatgcaaga	tgacaggtaa	tccctgtgtg	gacagactag	600
aaaagcagac	agccccataa	atagatgggg	agaactttta	gccctgatat	ccacacaaac	660
tatttttagga	tagggtagct	tggaaaactt	taagcaaata	acgtcacctc	tcctaattggg	720
actgttccag	acacgcacag	ggaggcagcc	agcgcatgtc	aagatacaaa	gttcagctct	780
gtgcagcagg	agacccgggt	ttagttctga	ctctgccctg	tatgacctgg	ggctcctcct	840
tcccttttct	gggaccctcc	ataaaatgaa	atgaacgtag	gcagtccttc	cccttctaata	900
gggcgttgcc	cctctgactg	gagccccga	tagcagatct	agggctacag	tttggggcct	960
tggggctaca	cttgtggaca	gccagagacc	acctctggcg	gaagcaccgg	ccacactcga	1020
ggcaggggaa	aggcttctcc	cccgtgtgca	gcagctggtg	ctgggccagg	tggctccact	1080
gagcaaaacg	cttgagacaa	aggaattcca	ccacgctgac	ta		1122

<210> 4071

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(226)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4071

tttttttttt	ttaatacaga	gtctcactct	gtcacctagg	ttggagtgca	gtggtgtgat	60
gtcgggtcac	tgcaacctct	gcctcccggg	ttcaaacgat	tctcctgcc	cagccactct	120
agtagctgga	actgcaggtg	tgcaaccaca	cgccgggcta	gtttttgtat	tttaagtaga	180
gacggcattt	caccatattg	gtcaggctgg	tctcgaactc	ctgaccccaa	gtgttccgcc	240
cgctctgccc	tcccataagt	gctagaatta	caggcctgag	ctactgcgct	tggccccttg	300
cggtactttt	ggcccaacct	cctccactgg	ctggggacgc	ggaggccgag	gagagaagtt	360

```
cacttggtccc tgggttctaa cctttgaagt ggttctcaag ggtttggggc gaagagtccg 420
gggtgggggac cgaagatgca gctctatcct gtgcccctgg gtcgcaagca ggcagcccag 480
cgcttcgcgt gttctacttg gcctgtccgc tgccgcctaa tgagctcagg tctaggccga 540
gcagaggggg cacttggtcg gactcggttg ggctcgggcg gccccgccct cccccgccc 600
gccaggcggg cccttctcga cggcgcgggg cgggccctgc gggcgcgggg ctgaaggcgg 660
aaccacgacg ggcagagagc acggagccgg gaagcccctg ggcgcccgtc ggagggctat 720
ggagcagcgg ccgct 735
```

```
<210> 4072
<211> 569
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (28)...(468)
<223> similar to gi3650031 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 4072
ctaacagctg gggaaattaag tccccacagt actgtcccc cttccttact gcgctacgaa 60
ccccacattg aacccccatc cctccttcat tctacaatct ctgagcgaaa ccccaccccc 120
tcaactgagcc tcaaaccctg tgccccttca aaccttggtga ggcccctggc gttggccttg 180
gcattggcca gccctcctgc cccggagatg cacatggccc gccccggccc ggcccactgt 240
ctcctccctc cttagcctgcc tctgccccaa ttctcctctc aatctcctgc gtgattcctc 300
tgtcctcagt cataccagtg tgaggggctc acccacaggg ttctaccgga tggagggggc 360
catgttccct gctccgccc ttctcctca ccagtccttg cctcggtatc agccccagg 420
tggggagctc tgctgctgcc tggaccatgc cctacttccc tctcctcggg atgtaggaaa 480
gggagggcca gccctagagc tcacccaccc cccacagcaa gcctgtgtac tgcgctctgg 540
ccaccttgct tctcgccctc ataacctac 569
```

```
<210> 4073
<211> 2545
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(1552)
<223> similar to gil754515 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 4073
```

cgccaccagc	ccttaaggtc	atcctgcggt	acacctagac	cgacgcccc	gccatctggt	60
ggctggaccc	agagctgacc	tatggctgcg	ccaagccctt	cgtcttcacc	cagggccact	120
ccgtgtgcaa	ccgctccttc	ttcccgtgct	ttgacacacc	tgccgcgaag	tgcacctact	180
ctgccgtcgt	caaggcgcca	tcgggggtgc	aggagctgat	gagtgccacc	cggagtgcac	240
acatggagga	agaaggcgtc	ttctacttcc	acatggagca	ccccgtgcc	gcctacctcg	300
tggccctggt	ggccggagac	ctcaagccgg	cagacatcgg	gcccaggagc	cgcgtgtggg	360
ccgagccatg	cctcctgccc	acggccaacca	gcaagctgtc	gggcgcagtg	gagcagtggc	420
tgagtgcagc	tgagcggctg	tatgggccct	acatgtgggg	caggtacgac	attgtcttcc	480
tgccaccctc	cttccccatc	gaggccatgg	agaacccttg	cctcaccttc	atcatctcct	540
ccatcttgga	gagcgatgag	ttcctgggtca	tcgatgtcat	ccacgaggtg	gcccacagtt	600
ggttcggcaa	cgctgtcacc	aacgccacgt	gggaagagat	gtggctgagc	gagggcctgg	660
ccacctatgc	ccagcgccgt	atcaccaccg	agacctacgg	tgtctgcctc	acctgcctgg	720
agactgcctt	ccgctgggac	gccctgcacc	ggcagatgaa	gcttctggga	gaggacagcc	780
cggtcagcaa	actgcaagtc	aagctggagc	caggagtgaa	tcccagccac	ctgatgaacc	840
tgttcaccta	cgagaagggc	tactgttctg	tgtactacct	tgccagctc	tgcggagacc	900
cacagcgctt	tgatgacttt	ctccgagcct	atgtggagaa	gtacaagttc	accagcgtgg	960
tggcccagga	cctgctggac	tccttcctga	gcttcttccc	ggagctgaag	gagcagagcg	1020
tggactgccg	ggcagggtcg	gaattcgagc	gctggctcaa	tgccacaggc	ccgcgcgtgg	1080
ctgagccgga	cctgtctcag	ggatccagcc	tgaccgggcc	cgtggaggcc	cttttccagc	1140
tgtggaccgc	agaacctctg	gaccaggcag	ctgcctcggc	cagcgccatt	gacatctcca	1200
agtggaggac	cttcagaca	gcactcttcc	tggaccggct	cctggatggg	tccccgctgc	1260
cgcaggaggt	ggtgatgagc	ctgtccaagt	gctactcctc	cctgctggac	tcgatgaacg	1320
ctgagatccg	catccgctgg	ctgcagattg	tggtccgcaa	cgactactat	cctgacctcc	1380
acagggtgcg	gcgcttcctg	gagagccaga	tgtcacgcat	gtacaccatc	ccgctgtacg	1440
aggacctctg	caccgggtgcc	ctcaagtcct	tcgcgctgga	ggtctttctac	cagacgcagg	1500
gccgggtcga	ccccaaacctg	cgcagagcca	tcagcagat	cctgtcccag	ggcctgggct	1560
ccagcacaga	gcccgcctca	gagcccagca	cggagctggg	caaggctgaa	gcagacacag	1620
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gggacgtcaa	tgtgtctgcc	tagccctgtt	ggcgggctga	cctcgcacct	cccagacacc	1740
acaattgtgc	cttctgtggg	ccaggcctgc	catgactgcg	tctcggctct	ggccatgagc	1800
tctgcccagg	cccacaagcc	cctcccctgg	gctctcccag	gcagggagaa	tggggagagg	1860
gacctccttg	tgtctggcag	agacctgtgg	acctggcctc	cccactccca	gctctcttgc	1920
actgcaggcc	ctggggccag	ccgcacaca	ccatgcctcc	tgtctcaaca	ctgacagctg	1980
tgctagccc	cggatgccag	cacctgccag	gtgccgcccc	ggggcaaggg	cccagcagc	2040
cctatggtga	ccgccacact	gtgccttaat	gtctgccggg	ggcccaggct	gtgctgtccc	2100
tgcagcacgc	ctccttgcat	ggatctgagc	cacctcccc	gcacagccct	gcaccccgcc	2160
cctagggttg	gcagcctcat	ttggcccctg	gcagaggaa	aaggacacag	acattccctc	2220
agtgtggggg	gcaggggaca	cagggagagg	atggttgtcc	ctggggaggg	ccctctggcc	2280
ccaggcaacc	ttagcccctc	agaacaggga	gtcccaggac	ccagggagag	tgtggggaca	2340
ggacagcttg	tctcttgtag	cttctctggg	tgggaggcac	aggggcaaag	caatacccca	2400
gggaaaagtg	gaggtggtgc	tgggtctctc	tcaggccca	ccatgctggg	agaggcggcc	2460
agagcctggg	gcctccagcc	tgggactgct	gtgatgggg	atcacggtga	tgggtccatt	2520
aaacttccac	tctgaaaaa	aaaaa				2545

```
<210> 4074
<211> 1973
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (31)...(1017)
<223> similar to gi4432587 in the genepept database release 114.
```

Run with FASTXY 3.3t00, default parameters

<400> 4074

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tacacagact	atgtggttgt	ttcggaccag	attctccagg	agtccgagga	cttcttttacg	120
ctcatcgagt	ctcatgaggg	gaagcccttg	aagctgatgg	tgtataactc	caagtcagac	180
tcctgcccgg	aggtgactgt	aactcccaac	gcagcctggg	gtggagaggg	cagtctggga	240
tgtggcattg	gctatgggta	tctacaccgg	atcccaactc	agccccccag	ctaccacaag	300
aagccacctg	gcaccccacc	accttctgct	ctaccacttg	gtgccccacc	acctgatgct	360
ctaccacctg	gacccacccc	cgaggactct	ccttcctggg	agacagggtc	caggcagagt	420
gactacatgg	aggccctgct	gcaggcacct	ggctcctcca	tggaggatcc	ccttcctggg	480
cctgggagtc	ccagccacag	tgctccagac	cctgatggac	ttccccattt	catggagact	540
cctcttcagc	ccccacctcc	agtgcagcga	gttatggacc	caggcttcct	ggacgtgtcg	600
ggaattttct	tcttggaaca	cagcaatgcc	agtgtgtggc	ccagcctgcc	ctcttcacac	660
gaactgacca	ccacagctgt	ctcaacctca	gggccagagg	acatctgctc	cagcagcagt	720
tctcatgagc	ggggtggtga	ggctacatgg	tctgggtcag	agtttgaggt	ctccttcctg	780
gacagcccag	gtgcccgaag	ccaggcgagc	cacctgcctc	agctgactct	tcctgacagt	840
ctcacctctg	cagcctcacc	agaagatggg	ctgtccgccc	agctgcttga	agctcaggct	900
gaggaggaac	cagcaagcac	agagggccta	gatactggga	cggaggctga	ggggctggac	960
agccaggccc	agatctctac	cacagaataa	caccctgggc	tgtgacaagg	cccatgatga	1020
catttcatga	ggccagatg	tgggcaggca	gcccgggctg	cactatgcgg	tcaggattcc	1080
ttgctgcttt	ggtgggacat	gaggcctcag	tgggtggtga	gagggggcca	tgggctttgt	1140
gggaggatat	cttttggccg	tgtacctca	ggtccagtgc	ttggtcctgc	tctggtcact	1200
ggggcttccc	aggaggcagc	agggtctggt	cataatccag	tgtgaagatg	aggtgaggaa	1260
ggaaggggtt	gctgtccagt	gttggcctgg	tcgctttgat	tcttcctgca	cagctcagcc	1320
caccccatct	gtactggaag	ggaccctgga	gccctgggac	cacccctttt	caagtcccaa	1380
acactgagtc	ctctgtcatg	tgtccttgct	cctaggctac	aatgctacac	ttggctcagg	1440
ctgatcacca	tgctagtcat	aggagggaga	gagaggcagt	gtacttgccc	ccatctcctg	1500
gagggagggtg	cgttggaat	tctaggccct	tcagcagaga	ccattttgtg	cccagaccac	1560
aatattttctt	cttcctcagg	gactacatgc	cacagacctg	tatccccagt	ggcaactcct	1620
gttagctccc	aaacttaaac	agtgatctct	tctaaatata	caaggcatct	acccagcccc	1680
aatagtgaat	aaaagtcaca	aatttaagtt	caacacccta	agcaattttct	caaagccagt	1740
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gattaagagt	aggtaaagac	ccttttggtc	tttcctgttg	taggggagga	agctgttctc	1860
cccaaccag	gtgcctttgg	gaggttaagg	ctagggttag	gccctgcact	ccacctgggg	1920
acggcccctc	atcacctgaa	gtcctctgct	gtgttgactg	gaccctcagt	tcc	1973

<210> 4075

<211> 713

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (628)...(176)

<223> similar to gi53182 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

SECRET

<210> 4076

<212> DNA

 $\langle 220 \rangle$ $\langle 222 \rangle \quad (6) \dots (248)$

<400> 4076

<210> 4077

<212> DNA

$\langle 220 \rangle$

2807

<222> (717)...(260)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4077

ctgatttctt	caaggtgagt	catcatcccc	ctgctgctgc	gcaccatgcc	tgagtccaaa	60
aatggctgga	cattgctgca	ggaaatcaaa	atcaccagca	agtttcgagg	caaatacctc	120
tccattatgc	ccctcggtaa	ggttaccatc	tttgtcagaa	ttaatgctcc	tggaatgaaa	180
ggttttctgg	cacgatggag	gaggtcactg	gctaaagagt	caggagacag	gaggtctgat	240
tcgagcactg	accctcacta	actggctttg	ggcaggtatt	taacttttca	gctatcaaat	300
gagtgtggag	gctagaaaact	ctttaaggac	ccatctagtc	ctaaattctt	tatcctctta	360
gctatattta	acgcatctct	aagcactatt	tagaacacaa	gttctagcat	gcattaaaaa	420
aaaaaaattc	tgtctcttaa	ctgggggggt	tttcttcctt	actttggcag	tcagggttctc	480
tctgtaaatc	aaaactcatg	attgcaaggt	taggtttctt	agctaatacct	tccgctttct	540
cctctccttc	ctcccttttc	ctccacctga	tgggttaggt	atcatttatg	taatggctga	600
attctaggtc	actgaaactt	tatttttaaaa	agatcttact	tggggctggg	cacagtgcct	660
cacccctgta	atcctagcac	tttgggaggc	cagggcaggc	agattgtctg	agctctggag	720
ttcaagacca	gcctgggcaa	catggtgaaa	ccctgtcttt	actaagaata	caaaaaaatt	780
agctgggtgt	ggtggtgcac	acctgtagtc	tcagctactc	gggaggctga	ggcacaagaa	840
ttgcttgaac	ccgggaggcg	gaggtttcag	tgagctgaga	ttgcactatt	gcactccagc	900
c						901

<210> 4078

<211> 1689

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(696)

<223> similar to gi5420389 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4078

gagcgatcga	ggctgcagcg	cggccgcggg	gcgcaacatg	actgccgtcg	gcgtgcaggc	60
ccagaggcct	ttggggccaaa	ggcagccccg	ccggtccttc	tttgaatcct	tcacccggac	120
cctcatcatc	acgtgtgtgg	ccctggctgt	ggtcctgtcc	tcgggtctcca	tttgtgatgg	180
gcaactggctc	ctggctgagg	accgcctctt	cgggctctgg	cacttctgca	ccaccaccaa	240
ccagagtgtg	ccgatctgct	tcagagacct	gggccaggcc	catgtgcccg	ggctggccgt	300
gggcatgggc	ctggtacgca	gcgtgggcgc	cttggccgtg	gtggccgcca	tttttggcct	360
ggagttcctc	atggtgtccc	agttgtgcga	ggacaaacac	tcacagtgcg	agtgggtcat	420
gggttccatc	ctcctcctgg	tgtctttcgt	cctctcctcc	ggcgggctcc	tgggttttgt	480
gacccctcctc	aggaaccaag	tcacactcat	cggcttcacc	ctaattgttt	ggtgcgaatt	540
cactgcctcc	ttcctcctct	tctgaacgc	catcagcggc	cttcacatca	acagcatcac	600
ccatccctgg	gaatgaccgt	ggaaatttta	ggccccctcc	agggacatca	gattccacaa	660
gaaaatatgg	tcaaaatggg	acttttccag	catgtggcct	ctgggtggggc	tgggttgagc	720
aagggccttg	aaacggctgc	ctgtttgccg	ataacttgtg	ggtggtcagc	cagaaatggc	780

cggggggcct	ctgcacctgg	tctgcagggc	cagaggccag	gagggtgcct	cagtgccacc	840
aactgcacag	gcttagccag	atgttgattt	tagaggaaga	aaaaaacatt	ttaaaactcc	900
ttcttgaatt	ttcttccctg	gactggaata	cagttggaag	cacaggggta	actggtacct	960
gagctagctg	cacagccaag	gatagtcat	gcctgtttca	ttgacacgtg	ctgggatagg	1020
ggctgcagaa	tccctggggc	tcccaggggt	gttaagaatg	gatcattctt	ccagctaagg	1080
gtccaatcag	tgcctattct	tccaccagct	caaagggcct	tcgtatgtat	gtccctggct	1140
tcagctttgg	tcatgccaaa	gaggcagagt	tcaggattcc	ctcagaatgc	cctgcacaca	1200
gtaggtttcc	aaaccatttg	actcggtttg	cctccctgcc	cgttgtttta	accttacaaa	1260
ccctggataa	ccccatcttc	tagcagctgg	ctgtcccctc	tgggagctct	gcctatcaga	1320
accctacctt	aaggtggggt	tccttccgag	aagagtctct	gagcaagctc	tcccaggagg	1380
gcccacctga	ctgctaatac	acagccctcc	ccaaggcccg	tgtgtgcatg	tgtctgtctt	1440
ttgtgagggt	tagacagcct	cagggcacca	tttttaatcc	cagaacacat	ttcaaagagc	1500
acgtatctag	acctgctgga	ctctgcaggg	ggtgaggggg	aacagcgaga	gcttgggtaa	1560
tgattaacac	ccatgctggg	gatgcatgga	ggtgaagggg	gccaggaacc	agtggagatt	1620
tccatccttg	ccagcacgtc	tgtacttctg	ttcattaaag	tgctcccttt	ctagtcccta	1680
aaaaaaaaa						1689

```

<210> 4079
<211> 666
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(667)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(402)
<223> similar to gi5459148 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4079						
tgaggcttgg	catgacaaat	ccgccctata	ttttatagca	tctggaggaa	atggcaaaaa	60
tgcttaatca	ccccagagtc	tacgcttttc	tgcacatacc	agtccagtct	gcctccgaca	120
gcgtactcat	ggaaatgaaa	agagaatact	gtgtggctga	cttcaaaaga	gtagtggatt	180
ttctgaaaga	gaaagttcct	ggaataacta	ttgtacaga	tattatctgt	ggttttcctg	240
gagaaacaga	tcaggatttt	caagaaacag	tgaaacttgt	tgaagagtac	aaattcccaa	300
gcctgtttat	taaccaatth	tacccaagac	caggaactcc	tgctgcaaaa	atggaacaag	360
ttccagcaca	agtgggtgtc	cttcaaagga	ataaacttcc	ttcctggcca	aagccttgtg	420
gcaaagtaat	tgaccacagc	tttgacagca	acaaagatga	cctcttcaca	tccacttcct	480
tagccctttc	cttccacttt	ctgtttcagg	agaagaagga	ccattttntt	gttattaaaa	540
tgactatgct	gttctaagaa	tttctgactg	attactccac	tcctgccatc	agcttcttct	600
ttacggccca	actctcctaa	aatatggtgc	tggatttggt	gtgttgtaga	gtaaaaataa	660
tattgt						666

```

<210> 4080
<211> 1320
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (242)...(1052)
<223> similar to gi5441615 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4080
cttagaccac gtggtggaat tcgagccatg gatggcggag ggagcgaatc cacacgagag      60
ctctccagaa tctgactacc cacttggtga tgaaccaggg aagcattggg aaagcaaaga      120
caatttttgg aagtcagttt tgctcacatt caatataatt ctgactatgg agagaatcca      180
ccattataat atgagcacia ggcttaatcc aatgagaaaa aaatcatata aatcgtttga      240
gaagtgtttg ccacctaatt tagacttact taaatataat agaagttata ctgtagaaaa      300
cgcttatgaa tgcagtgaat gcgggaaagc cttcaaaaag aagtttcatt tcattagaca      360
tgaaaaaaat catacaagga aaaaaccttt tgaatgcaat gactgtggaa aagcctatag      420
caggaaggca caccttgcaa ctcatcagaa aattcataat ggagagagac cctttgtgtg      480
caatgattgt gggaaggcgt ttatgcataa agcccaactc gtggtccacc agagacttca      540
cactggagag aagccttatg agtgcagtca atgtgggaaa acattcactt ggaactcctc      600
atttaatcaa cacgtgaaat ctcatacact tgagaagtca tttgaatgta aggaatgtgg      660
gaaaaccttc aggtatagtt catcccttta taaacattcc agatttcata caggagagaa      720
accctaccag tgtatcatat gtggcaaagc ttttggcaac acatccgtgc ttgttacaca      780
ccaaagaatt catacaggag agaaaaccta cagttgtatt gaatgtggca aagccttcat      840
caagaagtcc catctcctca gacatcagat aactcataca ggagagaagc cctatgaatg      900
taacagatgt gggaaaagcat tttcccagaa gtcaaatctt attgtacatc agaaaattca      960
tacataatat tcactttatg aatatgagaa ggccttatta aatattttgc taaatcttat     1020
taaatactaa agaattcatg gtgagaagtc tacaatttaa atgaatttgg aagagtagat     1080
tcccataaaa aacaaccaat gccaatcatg ttctggaagt gataataaac tttttacaga     1140
aaatatgaca gaaaacaact ataaataata gagcataaag cttggaaagt aagcatacct     1200
taaaaaaatc aaaagaacca gttgaaaact acatttgcca ttcctgactt ttaattttta     1260
taataaaaat aattatgcaa gtgtgagttt aaaaatatat ccttatacat tattattaaa     1320

```

```

<210> 4081
<211> 1494
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1495)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (133)...(550)
<223> similar to gi2811216 in the genepept database release 114,

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Run with FASTXY 3.3t00, default parameters

<400> 4081
ccaatatttg gtatcttcat atgttatctc taggtagatt tacaggttag tcatagtgc 60
gaaatatagg acagaatcag ggtgctataa tgtcattctc tagaaccat tccctttatt 120
ttcatttttag gaaaagcctt tacctcctct caaagacctc gacctaccag cccattttct 180
actgacagta acaccagtgc agccctgagt caaagtcaga ggcctcggcc cactaaaaaa 240
cacaaggag ggcggatgga ccaacaacca gcattgcctc atcgaaggga aggaatgaca 300
gatgaggagg ccttgggtgcc ctatagcaag ccaggtttcc catctccagg tggccacagc 360
tcatcaggaa cagcttcttc taagggatcc actggaccta ggaaaaccga ggtgttgaga 420
gcaggccacc agcgcaatgc cagcgacctt cttgacatag gatataatgg ctccaacagt 480
caaggacagt ttacagggtga attatagtaa atgagaggag acatacaaag ctgctctgaa 540
ggaccatcag gtccggactc atggaagtga tgactctaaa cagtgcattg aacaatttat 600
ttatgtacta ttaaaagaac tgtaaagtga atgtaaagac acacagccac acatatccca 660
cagatatttt cattgtgttc ttctcttaag tacaccaccc accttaactc tttcttgtca 720
ggagtatata aaaaagaaag aaaacaaaac tcgccctaca ggaagaaaag gattctcctc 780
tgtatataat ttcttttgtg cattgctatg caagctcact ctttttagct ctgctcatat 840
tattgtctgt tcttattggt ctgttgact atatgtgaat taataggctg tgggtgccata 900
tattaacttt taattgtgta acttttatgt ttaaattttg cactgcaatt ttatttggtg 960
ataagcaca atctctactc ctcatgacat gaagaaaaag actgaatgtg aagggagttt 1020
ctgtactgta agctagattg gataatgatg gctgtaacaa atcatgttag atggttttca 1080
gttgggggtg agaaatagga agatgcaaag gaacaatggt gttggcaaag tcttctttga 1140
atatcaggga ctgagtcaat aaaaaaata gtagaaagggt ggcttttact attgacaaaa 1200
gccggggtca aaaaagtag tttaagtctt aagactgaat atgcattaaa gtatgcaggt 1260
agcaaagatg ttaattaaat ttgcttaaaa aaaagaattt aaagttttat ttagaatcaa 1320
ttttacctgt cattgtaatt gacctatctg aganttaca taagcaagag gaaattaagg 1380
tgttttgcaa gagctgtatt tatattacca gtttttttna aaaacatttt ctgaattatc 1440
cgtaattaag ctctccact tcgttaagtc caggattata atatgaagtt cccc 1494

<210> 4082

<211> 2362

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2043)...(1574)

<223> similar to gi5901848 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4082
tctgggaacc ttcaatgtat tactgagacc atgaaccaca aaaatagggt tgagtgaggt 60
gtgagctaga cctttctgga ggctgaaagc attcacacac acaccctct gctagttaca 120
tggaacaga ccttgagcca cagcacacgg cagccagtcg agctagggtc caggatgatt 180
cttacaggac actgatattg atgtatttca caaatgagaa taagttggga atgttagtgc 240
aatttaata ccgtaagggt gactttttaa gataactga tagttaaaaa aaagacaatt 300
aaaaaatagc attttgtttt ttaaatggca cccattaaag actcaacagt caaatgaga 360

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caaatcagtc ctttagacgt tcacagacaa ttgaaaggca ctttaaaaat ccacttttta 420
aactaccact tgagaacaca tggtagcaca gtcttaaatt catcctagtt gatcggaat 480
gatgaatgag tgttggcacc agaaaatcct gcttgacaga gggggcgag gtgtcggtcc 540
acgggacagc cactggccag gctagctgcc gcctcactcc gcagccttct gtggctaaat 600
ggcaggacgg acacacagga atgggctttg gaccacaagc tctggcatat cgggagga 660
agcactcaag tactctgcag tctagatgac acatttcatg gtttggagga cagaagtagg 720
tttccacatc acatgaaaag gacagtgtca cagtggggtt acccagtaaa cagctaccaa 780
agccatcatt tcacgcttcc ctgtagtttt atgagctcgc cctctgcatg tggatatggg 840
gaaagccggg catgaagggg tgtgtgaaaa agaacagcct ctgtgactga ctgcagtaag 900
ctcacaagtt tgtcactgtc agacttagca agtcagcctg caaaggttgt gctgatctct 960
tggccacact acctactcag gttcccatcc atgctcctg cctgccccca cccccagccc 1020
caccagttag acttctgatt ggaagtctat agacataaga attcaactct gacccatgga 1080
tgagaggatg aggcaagaa ccaatgggtt atctagtaaa cgatcaataa ctacctacc 1140
acaatgattg tcccaggcca atgtcacaa acgacattac ttccaagaac caagtcatcc 1200
cttgcttctg cgggcccagt gccacgggta ctgtcctgag tggtttgga ggtgggtagc 1260
cgctgataca gggacaggca gatgtgcaga cacttaccac cctgggtccac cgatccccacc 1320
ccatgcttcc acctccaga gctcttgaga taagacctta agaaggatcc ttgggcttgc 1380
attaaaacca ctttctgtgc cgtggagggtc tgacaggacc caatagttgt tactacaaaa 1440
gtgcttttgc aaatagggca agttagaaga aggaggtaat atgaatattc tttagaaaaa 1500
ctcaaatacca tcggcttata aatacccaaa gtctgaggct acccaggga caatttggtc 1560
catggaatgc tgagtggagg aggcagctgg tgtgaggctg cgcctgactc ccaggagcat 1620
ttagccatcc tttttggctt ggggagtgtc aaagagccgg actgccttcc tgcacagcag 1680
acagaaccag tagatctgag gagctacgag gaaggcattg gccacgttgc agtagaatgg 1740
gatgctgaag ggtacttgga gcaggcttag tccctgctgg cggccatagg accagtacat 1800
gaaggggaag agaaggatcc ggcaggaaaag gaagggtggc agcgtgagga ttccattcac 1860
cttgtagaga aggtgtgtc gctgctttag ctgaatcaga accctgcccc gcgacacaaa 1920
cggagtgtc agttctgccc tgaagatgca gccgacaaa agtccccaa ggtctccccg 1980
gagcctctgt gcgactggca caaggacaaa gagaatgacc gcatgatgtg tgatcatgag 2040
gcggtttcga cttaggaagt ttccaagagt gaggggaggc gcacggttct ggtctctggt 2100
tcggcaccat tcacagagg acatggcgta cgagtcatag atcatgtatg gaatcagaaa 2160
ccacacatat tcccgggcaa gccagtgcct gccggtgatc acgtcgtcgc aggagcgaat 2220
gatgacgac cccgagccgg tggccagcac ggcgtgcacc gaggaacca gcctggtgct 2280
gatcatcacg cagtcggtgc ggctccatcc gggctgggag cggcgagcgc cgcaggccaa 2340
agcgcgttgc agcggggtcg at 2362

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<210> 4083
<211> 2349
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (44)...(1229)
<223> similar to gi538413 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 4083
gaaagcgagg taaccacat tacgccaagc ttggcacgag gccagggaaa aaccctttgg 60
gcgtgatgag agtggtaat ctttcagaaa taattctggc cttaaagtac ataaacgaat 120
ccacactggg gaacgacct acaaatgtga agaattgtgg aaagcatata tctctctctc 180

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001270 "E" 040900

gagccttata	aatcataaaa	gtgtacaccc	tgggggagaag	ccctttaagt	gtgacgagtg	240
tgagaaggcc	ttcatcacat	accgaaccct	tacaaaccac	aaaaaagttc	atcttgggga	300
gaagccctac	aaatgtgatg	tgtgtgagaa	atcttttaat	tacacatcgc	tcctttctca	360
gcacagaagg	gtccacacta	gagagaaacc	ctatgaatgt	gacaggtgtg	agaaggtctt	420
cagaaacaac	tcaagcctta	aagttcataa	aagaatccat	actggggaga	ggccctatga	480
atgtgatgtg	tgtggaaaag	cctacatctc	acactcaagc	cttattaacc	ataagagtac	540
ccaccctggc	aagacacccc	atacatgtga	tgaatgtgga	aaagcttttt	tctcaagcag	600
aactcttata	agccataaaa	gagtccatct	tggggagaaa	cccttcaagt	gtgttgagtg	660
tgggaaatct	ttcagttaca	gctctctcct	ttctcagcac	aagaggatcc	acacagggga	720
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gcataaaagg	atccacacag	gtgagaaacc	ctatgaatgt	gatgagtgtg	ggaaggcata	840
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cactggaaaag	aagccatacc	gatgtaatga	gtgtggtaag	gcttttaata	tcagatcaaa	1020
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aagttatagt	ggcacatccc	agaagagaac	ctatgaggga	gggaatgcc	tggatggggg	1140
caggatgagg	atgcctctgt	agcaggcaga	gcttaccaag	tctctccgaa	ctcaaattgga	1200
agaaatacct	tatgaatgta	agaatgtagg	gggtcatggc	ttgtaattta	cacagtgtaa	1260
atgaaaccat	cctagaggat	tatgaggaat	cctttctatg	tgattttcaa	tcatagcaag	1320
caagaaaggc	tccagtgtca	aggtagttca	gctcttacag	gatataaaac	agtccatact	1380
tgagagaaaa	acttagatct	gagtgatgga	atgtgaagca	aatcttcaaa	atcagtagac	1440
atttctggac	ataaaacaca	gatgaggaaa	gggcttcaat	tagaagttac	gtaatcacca	1500
tcagaaaagt	catgtttggt	aaattctggt	actagaaatg	taggaaattc	aggtatagct	1560
ttgaatccca	attacacatt	ggtcagtggg	aaaactaagg	gcctccaaca	ggcaaattca	1620
gggaggatag	gttttcaggga	atataaattt	atttaatat	agtgggtctt	aagtataaac	1680
ttgatgtaat	tggtttgga	gggggcagtg	atgatgactt	ctgaaacaaa	atttggtttt	1740
ccttttagga	aaagtagaaa	gcatagactt	acaagtctaa	caggagatag	gagagagtca	1800
ctcataaaaa	atgcaaattg	atgaacgtac	tattgtgata	cattagttag	atggatgaaa	1860
cttttttaaa	gttttcagatg	aactcccata	atgaatgatg	aatttgtgat	gagggataac	1920
ctggaagtgg	tattcacaca	ttatgctaca	ataaaagggt	ctaccgtgga	gaggattttg	1980
acacattcag	taactaatgg	aacacaccgt	caacatgaat	tcgcacctta	catgacagaa	2040
gtgattcagg	gattcctatg	aatagaaatg	ctgagaagga	acgcatttta	ttgcagaagc	2100
taaaaagcta	aagtaccagt	catctagaga	gaaggaaatt	aatgtttctt	aataatcctg	2160
ttaaattgtt	gattgttttt	ggaatgtgtt	attgtaaaga	tgtcatgcag	gacatgtata	2220
tgttgtctgt	tgtaaaatgt	taacgaatac	tttgttcagg	gctcactctc	tctttgtcat	2280
gaaagccagc	tccttgtggc	gaggtaaagt	ggaattccaa	taaagaaatt	ccttaaatca	2340
aaaaaaaa						2349

<210> 4084

<211> 1281

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1282)...(433)

<223> similar to gi2723316 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4084

00400200100

tttttttttt	ttaatgtata	aagaaaagag	tttaagttgg	gcgcatatgt	gtgaaggcctt	60
aaatgaaaac	atggtgctgg	catctgatca	ccctctagga	gagccctcag	gaaggttaaa	120
atcatggtgg	aaggcaaagc	gggtgtcggg	atctcacatg	gtgagaatga	gggcaagcga	180
caggggaagt	ctatgcactt	ctaaacagcc	agacctcaag	agaagtcact	attgccagga	240
cagcaccaag	gggatgacgc	tacatctttc	tcagtttgaa	aaatccactt	ccatgattca	300
atcacctccc	aatgggcccc	acctccaata	cctggagatt	acaattccac	agggatttca	360
agagaagggg	taaatataca	aggtatatcc	agtaagtagg	aattattccg	gtggattcca	420
gaaactagga	caacgtctaa	ggccttggtc	acattgagtt	tagttgtaag	gctctctccc	480
agtatgtctt	attcgatggt	tagtgaggcc	tgagcgacaa	ataaaagatt	tcccacactc	540
attacattta	taagggtttt	tgccagaatg	aattcttttg	tgtttgctga	gggaaaacaa	600
ccgccc aaag	gctttgccac	attcaataca	tttgtatctt	ttctctccag	tgtggattct	660
ctgggtgactt	acaagatgtg	aactatgcct	gaataccttg	ccacattcat	cacatttata	720
tggtttcttt	cctgcataaa	ttatctgatg	tgcatgtagg	tttgagctcc	gtttaaaggt	780
tttgccacac	tcattacatt	tgtaaaggtc	gtctccagta	tgaacagtct	gatgaagtct	840
aagatggaca	cgctgactaa	aggaattccc	acactgattg	catttgtaag	gtttctctcc	900
ggtatgaatt	ctctgatgtc	tattgagtgt	ggagccctga	ttaaaggcctt	tgccacattc	960
atgacatttg	tatggtttct	ctccagtatg	aactcttcga	tgccctacaa	gatgtgaata	1020
ctgactgtag	accttgccgc	attcattgca	tttgtaaggt	ttctctccac	tatgaattct	1080
ccgatgcact	gtaagacgtg	aacattgact	gaagaccttg	ccacattctt	tgcatttgta	1140
aggcttctct	ccagtatgaa	ttctccgatg	ccttgcaaaa	gctgaacggt	cactgaagac	1200
cttgccacat	tctttgcatt	tgtaaaggtt	ctctccagta	tgaattctcc	gatgcactgc	1260
aagacgtgaa	tgttgactga	a				1281

<210> 4085

<211> 1240

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (222)...(358)

<223> similar to gi5225326 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4085

ctttttataa	ctctcccttt	catgtcacat	attcttctcg	attctagtga	ttgatcaaag	60
gacacctctt	cactttccct	tgtcccttgg	acacctgtt	ttatcccatc	ctgtttggct	120
tttctcacac	ctgcaaccac	agacctgcct	gagtttgtgt	aagggtttct	gaaataatgt	180
tccttctcct	tgtcgtctgg	ctgtttgttc	atctccgtgt	acttgccctg	taggtgggca	240
cttccctctgt	ggtgtaccca	gcagccatgt	ttgcccccca	ggtggctgcc	aggggcgtgc	300
cagtggctga	atttaacacg	gagaccaccc	cagctacgaa	cagattcagg	tactgggata	360
ccctgatggg	agaggagat	gtgggaggca	ggtacagaca	tggtcatcta	aacatagttg	420
acctactcct	ctaattttta	aaaaagacat	agggtttgtg	tttttttgtt	tgatctgcag	480
ttgcttttat	ggaagaacaa	aatcattcac	tgtagactaa	ggtagggtag	ctctgtcatt	540
gtatgcgaaa	tttgccgcgg	gacttttgtt	tgttcacatt	ttgaacgctc	ttcttggtt	600
ccttaggctt	tgctttccct	tacattttta	agctagactt	agtgatgacc	tgtagttgta	660
ggttacccaa	atgctccgca	agtaagcctg	ggagacgccc	ttgcagaacc	tcatacctg	720
ccgttcttac	tgggaggcca	cctggcgat	accccttttg	tctaatacgcc	aaggttatct	780
gtatctgtgg	ccatattatg	acactgatcc	tgttcccaa	gtttgggtgg	gaagtgtaga	840
ttgtcatagt	atgcattttt	agtcttattc	ctgggtctgt	tttatttctt	catccatgtt	900

ctgtcttttt	tctcacccca	actttttttt	gctttttacct	ctaattcttg	tccatctagt	960
taattccttt	tgaataagtt	agaatataaa	taagtagtaa	attaatataa	atgaataaaa	1020
tagaaaactt	cagtgaacca	tcttgtcatt	actttaatca	acagtttcca	accttggctg	1080
catattttaa	aaatactgat	gcctgggtgc	cacctcatga	aatttcgatg	tcattgctct	1140
gagttgcagc	ccagacatca	tcattttgat	aagcttccta	ggtgattcct	gtgtgcagcc	1200
aggataggaa	ccactcttct	aagtctaaac	tgggatttaa			1240

<210> 4086

<211> 379

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (35)...(267)

<223> similar to gi4262296 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4086

cggcacgagg	agagctagca	ccatgacttc	aataccctgt	atctttaacc	tccttggttaa	60
gtttgtctct	tccagaatca	aagctgtaaa	acaacacatc	gttcttcaaa	tggagcccca	120
gatgcagtc	atgactaaga	tctaccgcgg	atccctggac	cagcctgcta	gccccatgctc	180
cgatgttaat	gacatcgaag	gcactcctcc	cgaggaaatc	tcaaatgcac	aaccctact	240
atgccccaat	taagcaggaa	gcagttggag	cagtcgacgg	ccaacctccc	caacagcact	300
tgggttttcc	tggtgagagg	gggtactgag	agacaggact	agctggattt	cctaggccga	360
ctaacaattt	ctaagcttg					379

<210> 4087

<211> 453

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (456)...(135)

<223> similar to gil48269 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4087

cgagattcaa	tgtccgtacg	ccggagatcg	tcgtgagcgg	aaactgcctg	gtgatccccg	60
atatagtcct	aatgtggcgc	atccacgctc	agataacgta	ggtagcgttc	tacatcggtg	120
tgtaaatcgg	tcatacgctg	tcaatccaac	gctccagaag	ctccggcaac	atcagcgcaa	180
tttcatgaag	taactgcgtt	ccttgccctt	gttgatagtg	actggcatcg	cgactggtaa	240

```

acagcacgac acccaaata gcatcgcttc ccagcatoga catcgccacc gatcccaccg 300
ctttcgcttc cggtagcacc accagcagct ctggtcggtt aagcggccca agatagtgt 360
gttcctgccc ctaacgctga atacgcagcg gttcgaaaga ctgacggctt aatgccagat 420
gagtgtggtt cgacggcgca cctaagcgcc agc 453

```

<210> 4088

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (500)...(32)

<223> similar to gi41565 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4088

```

ataatcaatc ttacacaca agctgtgaat cactccatcc ccagctcttt taacttacgc 60
gtcaggggtg tgcggcccca gccgagtagc cgcgcgctt cctgtttatg cccctgcgta 120
tgtcgcaacg cggtcgtcag taacgtccgc tccagctctg gctgcgcttc ggaaagcaga 180
ttttgatgac cggaacgcag cgctctgtct gccactgcg caagaagcgt cgcccagctg 240
tccggttgca ttgcggaagt actctccgca accgttgatt caaacagttc gccgggcaaa 300
tctgaatca acacttcctg cccggcgggc atcaccgtta gccagcggca ggtgttttcc 360
agctggcgca cgttgcctgg ccacgccaga cgcgtcagag cagcttcggt ttccggatgc 420
agtaacttcg cttatacgcc cagttcgcgc gcggcaacct gtaaaaaatg gcgcgccaga 480
cgggcaatat cttccttt 498

```

<210> 4089

<211> 1500

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(19)

<223> similar to gil825606 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4089

```

tggaaaactt tcaacatttc atggatagaa taagtaatgg tgggttagaa gaaggaaaac 60
ctgttgatct agttcttagc tgtgtggaca attttgaagc tcgaatgaca ataaatacag 120
cttgtaatga acttggaaca acatggatgg aatctggggc cagtgaaaat gcagtttcag 180
ggcatatata gcttataatt cctggagaat ctgcttggtt tgcgtgtgct ccaccacttg 240

```

tagttgctgc	aaatattgat	gaaaagactc	tgaacgaga	aggtgtttgt	gcagccagtc	300
ttcctaccac	tatgggtgtg	gttgctggga	tcttagtaca	aaacgtgtta	aagtttctgt	360
taaattttgg	tactgttagt	ttttaccctg	gatacaatgc	aatgcaggat	ttttttccta	420
ctatgtccat	gaagccaaat	cctcagtggt	atgacagaaa	ttgcaggaag	cagcaggagg	480
aatataagaa	aaaggtagca	gcactgccta	aacaagaggt	tatacaagaa	gaggaagaga	540
taatccatga	agataatgaa	tgggggtattg	agctgggtatc	tgagggtttca	gaagaggaac	600
tgaaaaattt	ttcaggtcca	gttccagact	tacctgaagg	aattacagtg	gcatacacaa	660
ttccaaaaaa	gcaagaagat	tctgtcactg	agttaacagt	ggaagattct	ggtgaaagct	720
tggaagacct	catggccaaa	atgaagaata	tgtagataat	ggactgggat	atattgtatt	780
tctcatgtta	aagcctcttc	ccttgaaatt	aaaaaaaaat	tttaactgat	aaaacttagg	840
gcaacattaa	ttaatgtata	ttcttacctg	aattgttata	ctttttgaaa	atcctgtgac	900
ttgcctgttt	ctccccgctc	caacgaaatc	attaactctc	ctaaaatgtg	tttcattcta	960
gtaagaaaaac	ctcaaaggat	attgtaggat	ataaatctta	cttgaaaaca	tagctgttga	1020
aatgttttgg	ccttttggag	tggggggaag	acaaatctga	tcctgtaatc	tttttctttc	1080
cagtaatccc	ttgtgtctgt	tgcatgagga	catggacaat	aaagtagtat	atgatcctca	1140
gatacaggga	gaaggacaag	gcatacagct	tattgattag	agctggcaag	catcttctca	1200
ttatgtttgg	aattgctttc	tataagaaaa	ttgccacta	ctactaactt	gatcaacaat	1260
gaattcaaaa	tagttaacct	atgaaataac	atcctctcaa	atgtttgctg	atgaagtaca	1320
agttgaaatg	tagttattgg	aaaagtctgt	aacctgtgga	tcatatatat	tcaaagttag	1380
acaaaggcaa	ataaaaagca	gctattttca	tgaatagaca	aagttgattt	caggaagtat	1440
aaattatatt	ctgcaccgaa	caagggaaca	gaaattattg	catctgtgga	acatatatct	1500

<210> 4090

<211> 1766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (113)...(742)

<223> similar to gi3986746 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4090

cccacgcgtc	cggcagaaaa	ccctcgtgga	tgtgactttg	gaaaacagca	acattaagga	60
tcaaatacaga	aatctgcagc	agacgtatga	agcatccatg	gacaagctga	gggaaaagca	120
gaggcagttg	gaggtagcgc	aagttgaaaa	ccagctgcta	aaaatgaagg	tggaaatcgtc	180
ccaagaagcc	aatgctgagg	tgatgcgaga	gatgaccaag	aagctgtaca	gccagtatga	240
ggagaagctg	caggaagaac	agaggaagca	cagtgcctgag	aaggaggctc	ttttggaaga	300
aaccaatagt	tttctgaaag	cgattgaaga	agccaataaa	aagatgcaag	cagcagagat	360
cagcctagag	gagaaagacc	agaggatcgg	ggagctggac	aggctgattg	agcgcattgga	420
aaaggaacgt	catcaactgc	aacttcaact	cctagaacat	gaaacagaaa	tgtctgggga	480
gttaactgat	tctgacaagg	aaaggatatca	gcagttggag	gaggcatcag	ccagcctccg	540
tgagcggatc	agacaccta	atgacatggt	gcattgccag	cagaagaaaag	tcaagcagat	600
ggtcgaggag	attgaatcat	taaagaaaaa	gttgcaacag	aaacagctct	taatactgca	660
gcttttagaa	aagatatctt	tcttagaagg	agagaataat	gaactacaaa	gcagggttga	720
ctattttaaca	gaaacccagg	ccaagaccga	agtggaaacc	agagagatag	gagtgggctg	780
tgatcttcta	cccagccaaa	caggcaggac	tcgtgaaatt	gtgatgcctt	ctaggaacta	840
caccccatac	acaagagtcc	tggagttaac	catgaagaaa	actctgactt	aggcactcag	900
aggcatacac	tttttacaga	tggacaaaag	ctctggaacc	ctgtggcttc	aaatcctttg	960

ggaaggggtga	ctgttggtttc	ccctacacac	agtgtgaagcc	ggaatgggaa	tcgctgaggc	1020
tctgatccac	ttctaagaca	ggaaggaaag	tgaaggcaga	gtgagcaggt	aagagaggga	1080
tatacaaggt	cacatttcag	acacccactc	ggcataccct	gccgtactgc	atcatcattt	1140
gttttctttg	tagacactga	aatcctatca	ggaggattcc	ttcacaatgt	attttatttg	1200
ctagactttg	gttgggaggg	aaaaggacat	taatttgaag	tttcatgtta	ttcatgccag	1260
gattgtttga	tagagcatga	agggttttgt	taccataaaa	agtattagag	gcagcgtttc	1320
tctgatacag	agaggcctgt	ccacaagaag	catgggcacc	cagccaaaact	tgaacctgga	1380
agggaggggt	cccggcctgc	agggtgctct	tcctcttggt	cccaagcatc	tgtgcagggg	1440
cgtgggagcc	acactgagag	acttgtgtgg	gccagacaag	cttcattctg	atgcgctagt	1500
cccttggttt	aatttggtgc	ttatgtcttc	attggaccag	ctgaaatcac	tgtatttatt	1560
caacttggtga	tttttttttc	tttctcactt	taacttaaag	agaattttat	atgtcttgga	1620
aatttaataa	tttagtggtc	tcagtatcaa	ttggtgtttt	tgtaaacga	atgaatcatc	1680
tgttcatgca	tgctctactt	tgatattata	acctatgtca	catgtgttta	ataaatacca	1740
tatatattgt	tctactaaaa	aaaaaa				1760

<210> 4091
 <211> 1455
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(366)
 <223> similar to gi5690449 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4091	
tcatggccct	gtggggcatc agttacaatg ctgtgtccct catcaacctg gtctcggcgg 60
tgggcatgtc	tgtggagttt gtgtcccaca ttaccgcctc ctttgccatc agcaccaagc 120
ccacctggct	ggagagggcc aaagaggcca ccatctctat gggaagtgcg gtgtttgcag 180
gtgtggccat	gaccaacctg cctggcatcc ttgtcctggg cctcgccaag gccagctca 240
ttcagatctt	cttcttccgc ctcaacctcc tgatcactct gctgggcctg ctgcatggct 300
tggtcttcct	gccogtcatc ctgagctacg tggggcctga cgtaacctcg gctctggcac 360
tggagcagaa	gcgggctgag gaggcggtgg cagcagtcac ggtggcctct tgcccaaatc 420
acccctccc	agtctccaca gctgacaaca tctatgtcaa ccacagcttt gaaggttcta 480
tcaaaggtgc	tgggtgccatc agcaacttct tgcccaacaa tgggcggcag ttctgataca 540
gccagaggcc	ctgtctaggc tctatggccc tgaaccaaa gggttatggg atcttccttg 600
tgactgcccc	ttgacacacg cctcctcaa atcctagggg aggccattcc catgagactg 660
cctgtcactg	gaggatggcc tgctcttgag gtatccaggc agcaccactg atggctcctc 720
tgctcccata	gtgggtcccc agtttccaag tcacctaggc cttgggcagt gcctcctcct 780
gggcctgggt	ctggaagtgt gcaggaacag acacactcca tgtttgtccc acactcatc 840
actttcctag	gagcccactt ctcatccaac ttttcccttc tcagttcctc tctcgaaagt 900
cttaattctg	tgtcagtaag tctttaaacac gtagcagtgt ccctgagaac acagacaatg 960
accactacc	tgggtgtgat atcacaggag gccagagaga ggcaaaggct caggccaaga 1020
gccaacgctg	tgggaggccg gtcggcagcc actccctcca gggcgcacct gcaggctctg 1080
catccacggc	cttttctggc aagagaaggg cccaggaagg atgctctcat aaggccagg 1140
aaggatgctc	tcataagcac cttggtcatg gattagcccc tcttgaaaaa tgggtgttgg 1200
tttggtctcc	agctccaata cttattaagg ctggtgtctg cagtcaaggc caccaggag 1260
tctgaaggct	gggagctctt ggggctgggc tggctcctcc atcttcacct cgggcctgga 1320
tcccaggcct	caaaccagcc caaccgagc ttttgagacg ctctccagaa gcatgaactg 1380

cagtggagat gaagatcctg gctctgtgct gtgcacatag gtgtttaata aacatttggt 1440
 ggcaaaaaa aaaaa 1455

<210> 4092

<211> 1784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (274)...(840)

<223> similar to gi3875250 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4092

cggcacgagc tgaccacaga agcttatgaa tgggagccac gtgttgtgag tacagaggtg 60
 gtcagagccc aagaagaatg ggaagctgtg gacaccatcc agccagagac agggagccaa 120
 gctagctcag agcagcctgg gcagctaata tccttcagtg agggcctgca gcacttccag 180
 actgtggacc tttccccctt caagaaaaga atccagccaa ctattcgaag gactgggctc 240
 gccgccctcc gacactacct cttcgggcct ccaaagctcc accagcgcct tcgggaagaa 300
 agggacttgg tcctgacctg tgctcagtgt ggcctggata gccaaagccc agtgcattggc 360
 cgagtcctcc agaccatcta taagaagctg accggctcca agtttgactg tgcccttcat 420
 ggaaaccact gggaggacct gggctttcag ggagcgaatc cagccacaga cctgagaggc 480
 gcaggcttcc ttgccctcct gcatctgctc tacctgggtg tggactcaaa gaccttgccg 540
 atggcgcagg agattttccg cctgtctcgt caccacatcc agcaattccc tttctgttg 600
 atgtccgtga acatcaccca cattgccatc caggccttga gagaggagtg tctctccaga 660
 gagtgtaatc ggcagcagaa ggtcatcccc gtggtgaaca gcttctatgc cgccacattc 720
 ctccacctcg cacatgtctg gaggacacag cggaagacca tctcagactc gggctttgtc 780
 ctcaaagagt tgggaagtatt ggccaagaag agccacggc ggctgctcaa gacctggag 840
 ctgtacttgg ccagggtgtc aaaggacag gcctccttgt tgggagcaca gaagtgtat 900
 gggccagaag cccctccctt caaggatctc accttcacag gtgagagtga cctgcagtct 960
 cactcatccg aaggcgtatg gctgatctga cctccgagat gaatggaggc ttaaaggctg 1020
 agctgcaggg gctttcaggg ggtcagtggg gccatgtcag gagcctggcc aggcgcacc 1080
 ccttgctgtc tcagcagatg ggatatagga agctcctggg cttagctgtg ggaagccaag 1140
 taccctcacc ggcattgggac atgaggggca gctagacttc acccccttcc cgcagacctg 1200
 cctccagagc aaggagaatt ctgccttaat ctggtgggct ccagtctccg ggttgaattc 1260
 cagtgtatcc cactgggagt gaatggatca tgagggtggg tggcccatc tggatgttct 1320
 gcagatcccc acatgggagg agattcccaa gtagaggcag ccagaattct gactccctgg 1380
 cagcagcagg gctttcaggc accagtgtct gtgttgtag aactcagagg aagaggcagg 1440
 ggcagcagcc gacagggggc agcatgacct aagcaagggg cctgaggcct cagtgggggt 1500
 agggcaagga ggtacctcac aggtgggtgt gagggccct ctggagtctc tggccattca 1560
 cttaccact ctcttctccc cctgaccccc gctccattgt ttatgatgga aaaacggaca 1620
 tttggctagg tgtctctcac ggtgctcca tcctagcccc cacaagctgg ggcttcctcc 1680
 tgtagatgct gtgcatgccc catgatgagt ttctggccta attgagggaa ggaggaaatt 1740
 cataccagca gttttcaaataaaaaggattt ttctaaaaaa aaaa 1784

<210> 4093
 <211> 6723
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(3646)
 <223> similar to gil63522 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4093

gccggggctc	aaccgcgagt	gcacgccttg	caactcaagc	ccgtgtgcgt	gtcggacagc	60
ctcaagaagg	gcaccaaatt	cgtcaagtgg	gatgatgact	caactattgt	tactccaatt	120
attgtgagga	ctgaccctca	gggatttttc	ttttactgga	cagatcaaaa	caaggagaca	180
gagctactgg	atctcagcct	tgtcaaagat	gccagatgtg	ggagacacgc	caaagctccc	240
aaggacccca	aattacgtga	acttttggat	gtggggaaca	tcgggcgcct	ggagcagcgc	300
atgatcacag	tgggtgatgg	gcctgacctc	gtgaacatct	cccatttgaa	tctcgtggct	360
ttccaagaag	aagtggccaa	ggaatggaca	aatgaggttt	tcagtttggc	aacaaacctg	420
ctggcccaaa	acatgtccag	ggatgcattt	ctggaaaaag	cctatactaa	acttaagctg	480
caagtcactc	cagaaggggc	tattcctctc	aaaaacatat	atcgcttggt	ttcagcagat	540
cggaaagcgag	ttgaaactgc	tttagaggct	tgtagtcttc	catcttcaag	gaatgattca	600
atacctcaag	aagatttcac	tccagaagtg	tacagagttt	tcctcaacaa	cctttgccct	660
cgacctgaaa	ttgataacat	cttttcagaa	tttggtgcaa	aaagcaaac	atatcttacc	720
gttgatcaga	tgatggattt	tatcaacctt	aagcagcgag	atcctcggct	taatgaaata	780
ctttatccac	ctctaaaaca	agagcaagtc	caagtattga	ttgagaagta	tgaacccaac	840
aacagcctcg	ccagaaaagg	acaaatatca	gtggatgggt	tcatgcgcta	tctgagtggg	900
gaagaaaacg	gagtcgtttc	acctgagaaa	ctggatttga	atgaagacat	gtctcagccc	960
ctttctcact	atttcattaa	ttcctcgcac	aacacctacc	tcacagctgg	ccaactggct	1020
ggaaactcct	ctgttgagat	gtatcgccaa	gtgctcctgt	ctggttgtcg	ctgtgtggag	1080
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atgacaactg	aaatatcttt	caagggaagt	atagaagcaa	ttgcggagtg	tgcattttaag	1200
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gccaaagatg	cggagtactg	ccgactgac	tttggggatg	cccttctcat	ggagcccctg	1320
gaaaaatatc	cactggaatc	tggagtccct	cttccaagcc	ctatggattt	aatgtataaa	1380
attttgggtg	aaaataagaa	gaaatcacac	aagtcatacag	aaggaagcgg	caaaaagaag	1440
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tatatttaat	tactttaact	ctgtctttat	aagttcctat	tttagatgga	ataagagaaa	5160
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tggccattta	ctgtaatcac	atTTTTatat	ctgtacaatg	acactTTTTg	cagttgtggg	6000
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gaagctctta	aaatgtacat	atTTTgggtc	ttctatctca	aattatttaa	aatgcataat	6600
tcacattttt	gtaataattc	tatgcaattt	tgtggcatga	tgtttcttcc	acttgaatt	6660
ttatgtgctt	tcatcaciaa	tccaaaggaa	agaataaaaa	tttcttaaca	caaccagcg	6720
gtt						6723

```

<210> 4094
<211> 1987
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (83)...(1836)
<223> similar to gi4960047 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4094	
tttcgtggcc	gcgcgagcca ccacaggagg aggaggagga ggagcggacg tcggcttctc 60
cccgcgggag	ccccagcat gggaaattaa aagagagacg gaattcaagg atgacagttt 120
gcccatcaaa	cgggaaaggc atgggaaatgt agcaagtctt gtacaacgaa taagcaccta 180
tggacttcca	gctggaggaa ttcagccaca tccacaaacc aaaaacatta agaagaagac 240
caagaagcgt	cagtgtaaag ttctttttga gtacattcca caaatgagg atgaactgga 300
gctgaaaagt	ggagatatta ttgatattaa tgaagaggta gaagaaggct ggtggagtgg 360
aacctgaat	aacaagttgg gactgtttcc ctcaaatttt gtgaaagaat tagaggtaac 420
agatgatggt	gaaactcatg aagcccagga cgattcagaa actgttttgg ctgggcctac 480
ttcacctata	ccttctctgg gaaatgtgag tgaaactgca tctggatcag ttacacagcc 540
aaagaaaatt	cgaggaattg gatttgagga cattttttaa gaaggttctg tgaaacttcg 600
gacaagaaca	tccagtagtg aaacagaaga gaaaaaacca gaaaagccct taatcctaca 660
gtcactggga	ccaaaactc agagtgtgga gataacaaaa acagataccg aaggtaaaat 720
taaagctaaa	gaatattgta gaacattatt tgcctatgaa ggtactaatg aagatgaact 780
tactttttaa	gagggggaga taatccattt gataagtaag gagactggag aagctggctg 840
gtggaggggc	gaacttaatg gtaaaagaag agtatttcca gacaattttg ctgtccagat 900
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atgttccagg	gattcagaag	caacgctatg	aacttcagct	gacttggtac	ttaaaaaatt	1920
gtgaattctg	ttgttgtgat	aaatatgagc	aatgaagtg	taatatctat	agaaaagtag	1980
agtgagg						1987

<210> 4095

<211> 1326

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (222)...(1071)

<223> similar to gi487785 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4095

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cccagccgca	tggctacctg	gccaaagaag	tacacagccc	cagtgatcag	tgcccaccca	120
gagcaaagac	cccagagcct	ggagcccagc	agtctggctt	ccctacactc	tcgcgagacc	180
ctcctggccc	agcaggaagc	tccccaaagc	aggggagcag	gtaccgggtg	ggagagtgtg	240
gcaaggcatt	cctacagctg	tgccacctaa	agaagcacgc	atttgtgcac	acggggccaca	300
agccctttct	ttgcactgag	tgtggcaaga	gctatagctc	agaggagagc	ttcaaagccc	360
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gcacccagcg	agacctcaaa	gagcaccagg	tggtagattc	aggtgcccgg	ccctttgctt	480
gtgaccagtg	tggcaaggcc	tttgcccggc	ggccctccct	gcggctgcat	cgcaagaccc	540
accaggtgcc	agctgcccct	gccccttgcc	catgccctgt	gtgtggggcg	cccctggcca	600
accagggctc	cctgcggaac	catatgaggc	tccatacagg	agaaaagcct	ttcctgtgcc	660
cgcactgtgg	ccgggcggtt	cgtcagcggg	gcaacctgcg	tgggcatttg	cggctccaca	720
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tggacacaca	cagagaggag	gaagtctccc	ccgccaggga	tgttgttgag	gtcaccattt	1200
cagaaagcca	ggagaagtgc	tttgtggtgc	cagaggagcc	agatgccgcc	cccagcctgg	1260
tgctaattcca	taaggacatg	ggcctcggcg	cctgggcaga	ggtggtggag	gtggagatgg	1320
gcacct						1326

<210> 4096
 <211> 1803
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1764)...(582)
 <223> similar to gil652625 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4096

ttttttgccc	caagggggtt	taagtggggt	accccccggg	ttttccccgc	cccgcggtgt	60
taaaacgcgg	gcccgggaat	tgaatttggt	ggccccatta	aaaaaatttt	tccttgcccg	120
cccggggtag	gtaaactggg	tcccctaaaa	cgggcccccc	cttttttttt	tttttccaga	180
atgcctttat	tttcagtatc	atagaattta	aatacagagt	caaaagatga	tttataaaat	240
ataaaaacatt	ttctgcttgg	ccgtatttga	agacaagctg	aatacatatc	tatgttctga	300
ataagtccac	tatggatata	tataggaaga	gatatacata	tatccatcca	cagatacaca	360
cacacatata	tattttctgca	tgtatatata	cataattctt	tctatagtta	caggaaatac	420
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ctttcgtagt	cggcagtaca	attactttat	aggaagactc	ttcacgaata	tcaccacctt	720
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ttc						1803

<210> 4097
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (748)...(176)
 <223> similar to gi606661 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 ctttgctggt tttccccctt ctgcccactt tcctgggtgt tgggggggcc cgctgacaac 180
 agtcacaaat ccagcgacct gatggaatag caccaaggcc cacacaaaaa gtatgataac 240
 ctctgtcaca catatcacag aacatcattt cttcttcatg gtgggggtgt ccacatataa 300
 tgcatgtttt acattccata cactgccatg ggtaggtctt aatcatagaa acaagctcca 360
 ttgtcatatc caggcaagaa ggatggccac tattctcaca ttgggagcag tgtataagtg 420
 attcagcctt tcctttcttg ttggactcct tacccttcag acaaattcca catatagcat 480
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 catcttttct tggagtggca gctttgtctt ttgatttctg tcttccctgg aaagagtcct 600
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 ctttattttt ccgtttctca tcacctcgac catcttcgcc atcatctgaa tcaccatcac 720
 tgtctagagc agggagctca ggatccctcg tgccgaattc gtgcagcgca atcgagggnt 780
 cgcgt 785

<210> 4098
 <211> 2035
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (153)...(832)
 <223> similar to gi929571 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4098
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 ccagtgtctg ctgcggtctc tggggatcgg gaccgcggcg gcggcccgcg agcgggatgt 120
 tccggggctt gagcagttgg ttgggcttgc agcagccggt ggcaggcggt gggcagccca 180
 atggagatgc tccaccgag cagccgtccg agacggtggc tgagtctgcg gaggaggagc 240
 tgcagcaagc gggagaccag gagctcctcc accaggccaa agacttcggc aactatttat 300
 ttaactttgc atctgtgcc aaaaaaaga taactgaatc agttgtgaa acagcacaaa 360
 caataaagaa atccgtagaa gaaggaaaaa tagatggcat cattgacaag acaattatag 420

gagatttttca	gaaggaacag	aaaaaatttg	ttgaagagca	acatacaaaag	aagtcagaag	480
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tgatcccagc	tactaggagg	gcttttgaac	gccaggaggc	ggagggttgcg	gcgagctggg	1980
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<210> 4099

<211> 1348

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (235)...(818)

<223> similar to gi3925215 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4099

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caacagtatg	tgcaacgtat	agagaaacag	tttcttttgt	atgcctactg	gataggctta	480
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tggtgattcc	actttgggac	ccacttgagt	ttgagatgcc	ccgagaacct	caagcagaca	1320
cgcttggcag	gcaacacaga	tcgtcacc				1348

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<210> 4100
<211> 3285
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1795)
<223> similar to gi4558756 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 4101

<211> 2982

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1263)

<223> similar to gi961446 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4101

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aaacgttttag catcagtgc tcacaaatca gcaacacaga atttctgcaa gtaattgaaa 180
tccataacca tcagccttgt tcaaaacttt ttagttttta tgactacgca agcaaagtga 240
atgaggagag tttggacagg attcttaaag atcggagaaa gaaagtcatt ggggtgtaca 300
gattccggcg caatacgtag cagcagatgt cctacagaga gcaggttctt cacaagcagc 360

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<210> 4102
 <211> 1479
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1480)

<223> similar to gi4894560 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4102

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cccctggccc	tattcacatc	gaaggagtgt	cactactcca	tccagaaggg	agctgcgttt	600
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<210> 4103

<211> 1604

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(367)

<223> similar to gi3559998 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4103

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00407.0320346

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atttgccatt ttaaacattt accattttta ccatttttaa gtgtacagtt ctttcgcatt 1080
aatgcaccca tgaccaccat tcaactaaat ttttaaaaga acagtataatt ctttttttcc 1140
tagagccttc agatgagagg gaacagtata ttctattgca cgtctacaat tcccaaaaga 1200
cctcttactt tgggaggcca aggtgggggg gtcacttgaa cccaggagtt tgacatcaac 1260
ctgggcaaca tgggtgacct cccgtctctc tcggaaaaaa aaaaagaaaa aagaaaaagc 1320
cgggtgaggt ggtgtgtacc tgtagtcaca ggtacttggg aggctgaggt gggaggatca 1380
cttgagccca ggagatagag gctgcagtga gctgtgatcg taccactgca ctccagcctg 1440
ggcgacaaaa tgagaccctg tctcaaaaga aagccctctc cttagctgag cagaggaagg 1500
gaaggagtggt ggctatgaga atatgattta tgccattttc tgttttttaa tctagaagat 1560
cttctaagca caaatacacg tacaatgaaa tattttacag accc 1604

```

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<210> 4104
<211> 551
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (120)...(521)
<223> similar to gi5679551 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4104
agagtgttgc ttcggggcact agcccagggg acatttgggc acccatagac ctaggcagga 60
aagagcctta tgggctttca ggactgaaaa gagcttctgc ttcttctctc agatccatct 120
ctgcagctga aggaaacaag agctacagtg gatctattca aagcttaact tctgtaggtt 180
ccaaggagac acccaaagct tcaccaaacc cagacctgcc tccgaaaatg tgcaggagat 240
taagactaga cactgcctca agcaatggct atcagcggcc tggctcagta gtggcagcaa 300
aagctcaact gtttgaaaaat gttggttcac ctaaaccagt ttcttctggg cgccaagcca 360
aagccatgta ctctgtaaa gcagagcaca gtcattgagct ttcttccca caaggagcaa 420
tattttctaa tgtgtaccca tcagtggaac caggatgggt aaaggcaact tatgaaggca 480
aaacaggact agttccagaa aattatgttg gcttcctcta atactattta gtggatggca 540
gtatcttcat g 551

```

<210> 4105
 <211> 644
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (645)...(115)
 <223> similar to gi927213 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4105
 tttttttgct gatgtaattg tggagccaca aatgcatgcg ggctcttta taactctttg 60
 ttggggaggg ggggtgaaatg tcagagtact ttaattcagc aaacaaaaac tcctcagttg 120
 gcactgacag cctccggggc ttcatcttca ctgctatagt ctgatttggg gtcattctca 180
 tagtcatcat acatttccat ttcatcctct ccattgatca tttcatttcc agctaggctt 240
 ccgccatctg tcttcatacc ataagtgtc tggatgaccg ggaggctggg ctccgggctg 300
 gccgaggtgc tagagcagtc agatgtcatc tgaggcgatg gtgtggtagt tgccatagt 360
 atagcaccag gatacacaac acctgttcct gtggtgattg gaatctgagg ctgttgcccc 420
 acagtaaaga actgcctcat ctctgtctc cgagacctca tcagttgctt atactcccca 480
 atccgaagct ttttgccatc aacaatgcag gtgcgtttcg gtcgggggtt gtatttatag 540
 tttgggtact tctctaagtg gatcttgctt agccgggcct gctcttcata ataagggtgc 600
 ttctcctggt tggacattga tttccagcga gatcctaaga tttt 644

<210> 4106
 <211> 1897
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1100)
 <223> similar to gi4539520 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4106
 agtgatgaca tgaacattcc taatgaggag acaatattga atgcacttct tacttgggtc 60
 cgtcatgatt tggaacagag acggaaagat ctaagtaaac ttttggctta tattaggcta 120
 cctcttcttg caccacagtt cctggcagac atggaaaata ttgtactttt tcgggatgat 180
 atagaatgtc agaaactcat tatggaagca atgaagtacc atttattacc agagagacga 240
 cccatgttac aaagtctctg gacaaaacct aggaagtcaa ctgttggtac attatttgca 300
 gttgggggaa tggattcaac aaaaggagca acaagcattg aaaagtatga tctccgtaca 360
 aatatgtgga ctccagtagc aatatgaat gggaggaggc tacagtccgg tgttgtagtg 420
 ctagatgaca aactgtatgt ggttgaggga agagatggac tgaagacttt gaatactgta 480
 gagtgctaca accccaaaac aaaaacttgg agtgtgatgc cacctatgtc cacacataga 540
 catggccttg gtgtggctgt actggaaggt cccatgtatg ccgtaggagg acatgatggc 600
 tggagctatc tgaacacagt ggaaagatgg gaccctcagg ctcgccagtg gaattttgtt 660

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gccactatgt ctacccttag gagtacagta ggtgtggcag tactaagtgg aaaactttat 720
gcagttgggtg gtcgtgatgg aagttcttgt ctcaaatacag tagaatgttt tgatccctcat 780
actaataagt ggacactgtg tgcacagatg tcaaaaagga gaggtggcgt aggagtgcg 840
acctggaatg gactgctgta tgctataggg gggcacgatg ctcccgcatc caacttgact 900
tccagactct cagactgtgt ggaaagatat gatcccaaaa cagacatgtg gactgcagta 960
gcatccatga gcatcagcag agatgcagtg ggggtctgtt tacttgggtga taagttatat 1020
gctgttgggg ggtatgatgg acaggcatac cttaatactg tggaggctta tgatccccag 1080
acaaatgagt ggacccaggt atggcattca tgtttcatta ttacactgac tctcttttta 1140
ttaaaacaat tcttatggtg aaacagatcc cctcaatctt gtccaatact gaaatatatg 1200
gcataaatat gacaatcacg ttttgattag cgatgagaaa aagaggcaat gtttaatttt 1260
ataacataat taaaatccag aattaccttt gagatgtaag ttaatactca gagaaattat 1320
taattatctg ctaccacttg catgatgaag tgttctagcc tgattaaagc tgataggact 1380
actggagggg tgcaacaatg ggaggggaga ctggaaaata aagacaagga tagtagtcag 1440
aaaactttga acaacttgcc cacccgcgca cagtaggcat tttaaattac tcaaccatt 1500
tgggttttgg gagccgattt aaaggcggg aaacctaata gaaaatggca acccctaact 1560
tcacctcgcc cccccccccc gcccccggc ccttcttact accggcaacg caatttacc 1620
ccttgcgac tcttttggca agggcctgac cccctcccta aatccccccc cctctagaca 1680
tctctctgct ttcctcacc cccccacac ccgcgcccc gggaactctg gccttggggg 1740
ccccccatt ccacccctct ctgggcccta cgaaaaactt cacaagggtc taacttggag 1800
cccagagatt ctcttcggg tctcccgggg ggacctctgg taaacttttg ggcaacgaaa 1860
aacaccaagc ttcttctggg cccgcacct gccgcct 1897

```

<210> 4107

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(86)

<223> similar to gi4995271 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4107

```

ggttacttgg ctggtttcct ggacagagaa catccaaggt tccattaaat acatcatgct 60
taaccctagt tcacgaatca aggtaagggg atagttgaga gctgcactgg ttcattggtgc 120
tgataacctt tttttgttga aatgtaacgt tctcgtcctc tagaatcact ttgacaaatt 180
aaaaatcctc cccattgaaa gaaggcaagt actttcatag ttagcattat ggtgatcttc 240
ctacagtgcc tccatttttt tggtcacatt gtaatcttat ttattaattc acaaattatt 300
actgaaatcc caaatgtgcc ccacacagta tacatttgat gctaggaatt atgttggtta 360
acaagataga cgtaggcctt gccttcatat tgcttaacgt ccagtgggtc gaatgtgttg 420
aagtat 426

```

<210> 4108

<211> 2179

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1613)...(1363)

<223> similar to gil877279 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4108

tttttttttt	ttgcctccga	gatgtgttta	cttattcttc	tgtgtcccca	aaaccctttt	60
ccaaaataac	atttaaataa	ttgttctgtg	ctgtgtgttc	aaatggagat	aatcagatgc	120
cagtggcttt	acaatgtggg	ttgcattcca	ttttcccagg	cgcccaggtc	ctgggtctct	180
aggccaccgc	ccgccgtggc	cgcccctctg	ctcaccaggg	aggccagaca	ggaaccctgc	240
agctgccaga	gcaagcacgt	cccacagcct	tgggaggcct	cccaaatgt	gtccagattc	300
ccacaggcag	agagagagg	actgaaaggc	tgaagtgaag	tgaccgtgcc	tgccagcct	360
gggactgaga	gcctgaagac	cagctttcca	gactctgtcc	cagaaccccc	ttggccctca	420
gcaaatcccc	tcctcctggc	ctgaaacaga	ctccaggctt	cttgacagaga	cgtcttctgt	480
ggagaaccag	aaagattgag	tccaccctga	ctgtcccggg	acagagctgc	tgagcagggt	540
gcaggagcca	caaacaccgg	atctttcgag	gcacatcagt	gacagatctg	ggcacagctg	600
gaccagccag	gacattgagc	cactgcagcc	ccaaggctct	aaatgcggtg	cttcagctct	660
agcttggcca	ccgtggcccc	gtgcacctcg	tcaggggcgt	cggcaaagcg	cagggtcgg	720
gcccagggtga	agaactgagc	cagtgggtag	tcgctgctca	ggcctgctgc	tccaaaggcc	780
tggcagacac	agagtggagg	gaggcggccc	tgggtcagcc	cttgtctccg	agagccccag	840
gaatgatagc	ctgctcttga	tggcccataa	caaccatctt	cccggacttc	cctgtggcac	900
ctatgtgata	caatcactaa	tattccagag	ggcttccatg	gggccacacc	tgccatccca	960
cggcctccag	actccccagg	cccactctgc	aggtgccttc	tgccctgtgc	tggggccggg	1020
ggttaggatc	taaggaggcg	gccccctgc	atgggaaaga	gcctgggctc	tgggcttatg	1080
aaaacccaag	ttcatgtgaa	tttgaggcca	gctacttgca	agctcagtga	cctggacaag	1140
tcacttcact	tttctgtgcc	tgtttcctca	cattcaaaat	gggggtacga	tggcacctcc	1200
caccttgctg	ggtcattctg	aagaggaaaa	ggaaagttgc	atgcatggtg	agtgggtgac	1260
acagggcac	tgccagggtc	tatgggaggc	tgggcggctg	aagataggag	agtttggcat	1320
ctagtattga	tggttcaa	aagccaactg	tctgggtctg	gctcacctga	atcgcacgat	1380
caatcactcg	ggaggccatg	gacggggcga	ccattttaat	catggctata	tccaaggctg	1440
cagccttggt	tcctgccagg	tccatgaggt	gggcagctct	cagcaccagc	agccgtgcct	1500
gctcaatctc	cacgcgcgac	tgcgcgatgt	ccgccagctc	tgtgccctgc	tccaccaggg	1560
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tgccacagcc	agccacagcc	cacagggtgc	ctgtaacaaa	ttgcttccaa	gaacccttta	1860
ttccagccat	tgcacatctg	ggcaggcctg	gctaccagac	aggagcagtt	atagatctga	1920
gccagcatct	gacccaaggc	tactcctggg	aatgagggag	tgactgcagg	cactgcacac	1980
ggcgaggcgg	aagggtgccc	tctgctgacc	gcagcacc	ttcctgccct	gcagctccaa	2040
tgggagcaag	gtccccctcag	ccccgtctcg	ctcccggcct	tcgcgcgtgg	gtggccttat	2100
ctgcaagggg	gattttaaat	tctgaaagtc	acaaggcatc	agaaaaggtt	ctaaagtatt	2160
cctttttttt	tcttggtttt					2179

<210> 4109

<211> 1810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (146)...(570)

<223> similar to gi4455361 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4109

tttcgtgcgg	aaggttgaat	gcgtcgggtg	ggcacctcag	caaccagtag	ccatgcgcga	60
cttgaggag	tcggggcctc	ggcctacagc	gaccccgtag	ggctgcgtta	agccggctct	120
ggagacagg	aatcttttaa	ctgagccagt	cggctacttg	gaatcttggt	tctcggccaa	180
gaatggtact	ccaagacagc	catccatttg	tagctattct	cgagcctggt	tgaggattag	240
aaagaggatc	tttaataatc	ctgaacattc	cttgatgggc	ctagaacagt	tttctcatgt	300
ttggattttg	tttgtttttc	acaaaaatgg	tcatttgagc	tgtaaggcaa	aagtgcagcc	360
tcctaggctg	aatggtgcaa	agactggagt	tttttccaca	aggagccctc	atcgtcccaa	420
tgcaatagga	ctgaccctgg	ccaagctgga	aaaggtagaa	ggtggagcta	tatacctttc	480
tggaattgac	atgatacatg	gcacacccgt	actagacatc	aagccctaca	tagctgagta	540
tgactcaccg	caaaatgtga	tggagccttt	agcagacttt	aatttacaga	ataaccaaca	600
tacaccaaac	actgtgtccc	agtctgacag	caagactgac	agctgtgacc	agcgacagct	660
ctcaggggtg	gatgagccac	aacccaccca	tagcactaag	aggaaacctc	aatgtcctga	720
agacagaact	tcagaagaaa	actacctgac	acacagtgac	acagccagaa	ttcagcaagc	780
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ttccagcgtg	gcagaagaac	aaattggccc	atattgccc	gagaagagct	tttcagagaa	900
aggtacagac	aagaagctag	aaagagtgga	aggagcagca	gtcttgcaag	gaagcagggc	960
agagacacag	cccatggccc	ctcactgccc	tgctggaagg	gctgatggag	ctccccgcag	1020
cgtgggttct	gcctgggtga	cagaggctcc	tgtggccact	ttagaagtgc	ggtttactcc	1080
tcatgccgag	atggaccttg	ggcagctcag	ttcacaagat	gttggtcagg	cgctatttaa	1140
atattttcag	tcagcagagg	aagcaaagcg	tgccattgag	gctgtgctgt	cagcgatcc	1200
tcggtctgtg	taccgccgga	agctttgcca	ggaccgcctt	ttctacttta	ctgtagacat	1260
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tgggctgttc	aaaatgttta	tttgaaaaac	gtatacatta	ataaacttaa	caaagagata	1560
taaaatacag	agaaatcacc	aaatgctttt	tgatctgttg	atattaaaga	atcaaaaggt	1620
gatgctgtct	cgataatttc	tgaagaagc	tgttcttggt	gcacttgata	aaattagaca	1680
aagttcattc	cagcagagac	tttctagttg	aggggatcta	ttcagtaatt	catattgggt	1740
ttcctgtctg	tctggaaaag	cctgaccttt	ctatttgatt	ccaaatcaaa	cctatatcag	1800
gaagctagcg						1810

<210> 4110

<211> 321

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (137)...(209)

<223> similar to gi28872 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4110
cgtgcaggga gggtttggac ccacacgggg gaaatgccct ggcatctggg aggtggggct 60
gcttctggcc ccagcagtcc tcccttcaag cagaggccag ggccaggctg agctgacaag 120
cttctactct ccttgcagca tgaacgtgca ggggtgattat gagccaactg atgccaccgg 180
gttcatcaac atcaattccc tcaggtgaga agctcagggc cctgacgggc cttcagagcc 240
tccaggtgta aagggtaggc tttgaaagcc cccaggtgta aagggtaggc tttgaatccg 300
accttgactg gtgccctgcc c 321

<210> 4111
<211> 2687
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (12)...(2024)
<223> similar to gi557725 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4111
cggcacgagc cggatatgtg ctgaatggca ctgagaggag aacatgccag gatgacaaaa 60
actgggatga ggatgagccc atttgcattc ctgtggactg cagttcacc cagttctcag 120
ccaatggcca ggtgagagga gacgagtaca cattccaaaa agagattgaa tacacttgca 180
atgaagggtt cttgcttgag ggagccagga gtccgggtttg tcttgccaat ggaagttgga 240
gtggagccac tcccgaactg gtgcctgtca gatgtgccac cccgccacaa ctggccaatg 300
gggtgacgga aggcctggac tatggcttca tgaaggaagt aacattccac tgtcatgagg 360
gctacatctt gcacggtgct ccaaaactca cctgtcagtc agatggcaac tgggatgcag 420
agattcctct ctgtaaacca gtcaactgtg gacctcctga agatcttgcc catggtttcc 480
ctaattggtt ttcctttatt catggggggc atatacagta tcagtgcctt cctggttata 540
agctccatgg aaattcatca agaagggtgcc tcttcaatgg ctccctggagt ggcagctcac 600
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cagattttga ctgtggaaag gcagcccga ttcagtgcct caaaggcttc aagctcctag 720
gactttctga aatcacctgt gaagccgatg gccagtggag ctctgggttc cccactgtg 780
aacacacttc ttgtggttct cttccaatga taccaaatgc gttcatcagt gagaccagct 840
cttgggaagga aaatgtgata acttacagct gcaggctctg atatgtcata caaggcagtt 900
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atgaaagtga agtgaaactc agatgtctgg aagggttatac gatggataca gatacagata 1080
cattcacctg tcagaaagat ggtcgctggg tccctgagag aatctcctgc agtcctaaaa 1140
aatgtcctct cccgaaaaac ataacacata tacttggttca tggggacgat ttcagtgtga 1200
ataggcaagt ttctgtgtca tgtgcagaag ggtatacctt tgaggagagt aacatatcag 1260
tatgtcagct tgatggaacc tgggagccac cattctccga tgaatcttgc agtccagttt 1320
cttgtgggaa acctgaaagt ccagaacatg gatttgtggt tggcagtaaa tacacctttg 1380
aaagcacaat tatttatcag tgtgagcctg gctatgaact agaggggaac aggggaacgtg 1440
tctgccagga gaacagacag tggagtggag ggggtggcaat atgcaaagag accaggtgtg 1500

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (2)...(1443)
 <223> similar to gi4826465 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4113

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ggcgtgcagt attggaaaca ttactatcca gaatctgaag gatcctgttc aaataaaaaat      60
caaacataca agaactcagg aagtgcacat tcccatctgt gccttctggg atctgaacaa      120
aaacaaaagt tttggaggat ggaacacgtc aggatgtgtt gcacacagag attcagatgc      180
aagtgcagaca gtctgcctgt gtaaccactt cacacacttt ggagttctga tggaccttcc      240
aagaagtgcc tcacagttag atgcaagaaa cactaaagtc ctcactttca tcagctatat      300
tgggtgtgga atatctgcta ttttttcagc agcaactctc ctgacatatg ttgcttttga      360
gaaattgcga agggattatc cctccaaaat cttgatgaac ctgagcacag ccctgctgtt      420
cctgaatctc ctcttcctcc tagatggctg gatcacctcc ttcaatgtgg atggactttg      480
cattgctgtt gcagtcctgt tgcatttctt ccttctggca acctttacct ggatggggct      540
agaagcaatt cacatgtaca ttgctctagt taaagtattt aacacttaca ttcgccgata      600
cattctaaaa ttctgcatca ttggctgggg tttgcctgcc ttagtggtgt cagttgttct      660
agcgagcaga aacaacaatg aagtctatgg aaaagaaagt tatgggaaag aaaaagggtga      720
tgaattctgt tggattcaag atccagtcac attttatgtg acctgtgctg ggtatttttg      780
agtcagtgtt tttctgaaca ttgccatgtt cattgtggta atgggtgcaga tctgtggggag      840
gaatggcaag agaagcaacc ggaccctgag agaagaagtg ttaaggaacc tgcgcagtgt      900
ggtagctttg acctttctgt tgggcatgac atgggggttt gcattctttg cctggggacc      960
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ctgtggtaga tttcggttag cagataactc agattggagt aagacagcta ccaatatcat     1140
caagaaaagt tctgataatc taggaaaatc tttgtcttca agctccattg gttccaactc     1200
aacctatctt acatccaaat ctaaattccag ctctaccacc tatttcaaaa ggaatagcca     1260
cacagacagt gcttccatgg acaagtcctt gtcaaaaactg gcccatgctg atggagatca     1320
aacatcaatc atccctgtcc atcaggtcat tgataaggtc aagggttatt gcaatgctca     1380
ttcagacaac ttctataaaa atattatcat gtcagacacc ttcagccaca gcacaaaagt     1440
ttaatgtctt taagaaaaag aaatcaatct gccagaaatg tgaagatttg caagcagtgt     1500
aaactgcaac tagtgatgta aatgtgctat tacctaggta actgcatata tataaggaat     1560
gtattttgtt aagaaggctt ttgtgaaatt cagaattttt ctttttaata tatttcttcc     1620
atggaagagt tgtcatcact aaaacttcag tactgagagt aacatgactc agtagccaca     1680
gaagctatga tttgtaaaat atataattga atcagagtaa tcataatgca ggggagacat     1740
tcgaaattag agacaagggg agaagcaatt ctgaggaaga ccctagatag agctcatttt     1800
actccaccta atcgttatat ctggatatac ccattttctg catcttcttt ctcaacaata     1860
aaaaatgtaa ctattttgaa tgcccacaaa tcccattcca gtgttacttt ctgtgaatgc     1920
agtaccatat tctcattttc aatgacattt caaccacagg cagaaaagac tgtttactcc     1980
ttgacccaaa gggtaaaaag ggttttttat tattttaaat attacacctt caggaacctt     2040
aacatgctta agggaaactt tccccaaaat gttggaccct ggggttaaag agggctattt     2100
taaatttgct aattatttta cttattctat tcaaggcata gggccaaagc attaatgata     2160
atttaatccc atacattcga gttaagttaa gtgttgatgt tccatcattc tggacctccc     2220
aggagtgtgt taagaatgaa tctcttacac ctctactttt gccctctac tgtatattaa     2280
gcccataggc ttgtgggagg aaggagaatt tccataggc aagctgtatg cagtggaatt     2340
ttccttttag gagacacaca attagactc tctggttctg tccttgcttt ggagacttta     2400
agacatttcc taaagcaca ataaaagcct cgtatttccc cattgagagt tttgttccaa     2460
ggaatatgaa gtgagacata tgggtgagtc ataataatca aaataattta tgaagagctg     2520
ggtctgcaat agctagtcta aaaactactt gtgtgtcagt cctctgggta tagtatataa     2580
gagcctgagg aggtctggca agatagatgg tgtattattt atggatcagg ctgctgcata     2640

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0943873E "042400

caaaccttgc	atactattat	gcagcttacc	taactctcag	actatttctga	gtaatgcttg	2700
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caattgggtt	ccctttccct	agcttgatat	tgccctagct	ttgttggttt	aattaacttt	4020
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ctactctagc	taatttgcca	ttttacttaa	atggaaaatg	tttttcaa	aaataacttat	4200
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gattaatgca	ttttgaagtt	cttagaattt	gttgggatga	ctgatgcaaa	gccaagttct	4440
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<210> 4114

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(334)

<223> similar to gi4191812 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4114

agaacactgc	tgcagaacga	ctggatggag	gagacagccc	ctggaatggg	ggcaaccatt	60
agttctggga	cgggattgga	taaagcccat	gtcaggcctg	tcgcccattg	gaatattgcc	120
aagtctatgg	ctgtgtacta	ccttgaacct	gtccgagctg	tgcgggatgg	gaagccttcc	180
tggtgcctg	tatattactg	caggaatgac	cgtgaccaag	acagcttcct	gatcaggatg	240
gaagtacccc	atctccagga	aaagagagga	atcctagcat	ctgataaagc	cactatcatg	300
gcctttgatg	ccctggcgac	cttctgtgaa	gaacaggcgt	aagtgactta	ttgtatatgt	360

<210> 4115
 <211> 538
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(347)
 <223> similar to gi3687907 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4115
 gaactaactg ctttgctgaa tactccacat attcaggcac tgttactggc ccacgataag 60
 gttgctgagc aggaaatgca gctagagccc attacagatg agagagttta tgaaagtatt 120
 ggccagtatg gaggagaaac tgtaaaaata gttcgtatag aaaaggctcg tgatattccg 180
 ttgggtgcta cagttcgtaa tgaaatggac tctgtcatca ttagccggat agtaaaaggg 240
 ggtgctgcag agaaaagtgg tctgttgcat gaaggagatg aagttctaga gattaatggc 300
 attgaaattc gggggaaaga tgtcaatgag gtttttgact tgttggtaag ttgacgcagc 360
 tagaagaata attgatagct tttagaaagc tcttattaga ctttagaata aaatattttt 420
 aaaataactg ttaagagcac tagatgattt ctacgctgat tttccatga tgtaactggt 480
 ccacagtatt tgtagcagt tttatttttg ggtgggacca ctgatatttt tttacttt 538

<210> 4116
 <211> 378
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(275)
 <223> similar to gi3336973 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4116
 gaatcagttc ccaggtctct cagccatgga aacaagccct ggccatctca gcagccactg 60
 cacaatgcct ctggtggaag acacgccctc ctcccctctg gtcacacaag agaacatctt 120
 ccagctgcct ctttcacacc cactccagac ctacagccct gttcacctcc tcattaggtg 180
 tggcttttagt agttcctttg gttgtaacta tgggatggaa tccaggcata ggggaactagt 240
 tgttccacag ctcccagcca ggaagaaagt gtgagaagct gatttgtagt gaacctgctg 300
 tttaacatca cagtgactac attgaaccca gtatgccagt tggcaccaga tgctgtggac 360
 ttggaatgag gccaaagag

<210> 4117
 <211> 1406
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (9)...(926)
 <223> similar to gi5225378 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4117

ggcacgaggg	cagtatatca	agtgcaaaca	tccttttggga	tgatcagttt	caacccaaac	60
taactgattt	tgccatggca	cacttccggt	cccacctaga	acatcagagt	tgtaccataa	120
atatgaccag	cagcagcagt	aaacatctgt	ggtacatgcc	agaagagtac	atcagacagg	180
ggaaactttc	cattaaaaca	gatgtctaca	gctttggaat	tgtaataatg	gaagttctaa	240
caggatgtag	agtagtggtt	gatgatccaa	aacatatcca	gctgcgggat	ctccttagag	300
aattgatgga	gaagagaggc	ctggattcat	gtctctcatt	tctagataag	aaagtccttc	360
cctgccctcg	gaatttctct	gccaaagctct	tctgtttggc	aggccggtgt	gctgcaacgc	420
gggcaaagtt	aagaccatca	atggatgaag	ttttaataac	tcttgaaagt	actcaagcca	480
gcttgatatt	tgctgaagat	cctcccacat	cactaaagtc	cttcaggtgt	ccttctcctc	540
tattcctgga	gaatgtacca	agtattccag	tggaagatga	tgaaagccag	aataacaatt	600
tactaccttc	tgatgaaggc	ctgaggatag	acagaatgac	tcagaaaact	ccttttgaat	660
gcagccagtc	tgaggttatg	tttctgagct	tggacaaaaa	gccagagagc	aagagaaatg	720
aggaagcttg	caacatgccc	agttcttctt	gtgaagaaag	ttgggttcca	aagtatatag	780
ttccatccca	ggacttaagg	ccctataagg	taaatataga	tccttcttca	gaagctccag	840
ggcattcttg	caggagcagg	ccagtggaga	gcagctgttc	ctccaaattt	tcctgggatg	900
aatatgaaca	gtacaaaaaa	gaataaattc	taccagaaga	taaagaaaaa	agcaagtatt	960
gcataggcac	ctgagcatag	gtatgacctt	gggaagacat	tggctccata	agcaatgcc	1020
agagaatgat	caatagttag	tttgggtgat	gcagataaac	aatctggata	attccatttc	1080
ttttttccca	aaccctcaaa	cagagtgcct	taaaaaattg	ttttatcagg	ataattgtct	1140
catgacccaa	tccacgctca	attagagcca	ttcaaaattc	cttaagatca	tgggttctga	1200
cttcagccaa	acaaaacaat	caaaacctac	caaaaaggga	ctggattgta	atgtcctctc	1260
catcatcctc	agtgtgagtc	ctcagagcct	ccatctgcc	agaacattca	gttggattcc	1320
atcgtttggt	ttagcttgct	tgacggggtt	gtaggaaatg	tctaatttgt	aaatgttaat	1380
agataccttt	ggaaagaaaa	aaaaaa				1406

<210> 4118
 <211> 2614
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2417)...(1855)

<223> similar to gi4589624 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4118

tttttttttt	ttcattttaac	ttttggataa	taaaataactt	tattggtacc	atttaataaaa	60
tgtcaaaaac	gtatagcatt	tccattgctt	agcttccatc	tttaaactta	aagctagtta	120
aaaacaacag	gaacaaaagt	aaactcattt	gattctctca	aaaaacaagc	tgtaacttac	180
ctttgcaaat	aattaggttc	tctcacttta	aatatcgtaa	ttcactgggt	cttcataata	240
aataattatt	aataatata	aaaaggagac	agtgggcctg	aattattttg	cagaggaaca	300
tttcacacat	cttttaaaaa	aatcactaaa	ctaccacaaa	cttaaaactt	gtaagaataa	360
ttagggtgagg	agttattggt	aatattggaa	ttaatatagc	acctagaaat	ttgaaatttg	420
taatatattca	gatgatatga	tttactgaga	aaaagagtaa	tgatttttct	tcagtgaatt	480
ttcaggggtt	ttcaacatag	gtctctttta	aaaggggttaa	aaaatttatg	catactagga	540
attgacctga	tggtaacaga	tccatgtgtg	acaaataatg	tagtgcagtc	ctatctgaat	600
ataatttctt	tttcaacttg	tctcattaat	ttatacctca	attaaaaacat	tctatatgca	660
agtgacatat	ttctctaaaa	cattccgtat	ttcagatttc	cattcagact	atcttcccct	720
cctccctttt	ctcaaatacag	agtgatcttg	tggcatacca	tttgcttttt	ctctccacaa	780
tgaaactctt	tttcaactca	aagtattata	gtaatgcaa	tacaaatgta	gcatatatta	840
atatattaga	aaaaggatag	taaatacata	tggatccatg	ccaaattaga	aaattgaaag	900
caaaaacaaa	caaaaccatg	ctatgctcat	ctattctgaa	ccaccatggg	aagaccctga	960
tagagctggc	tcacataaac	taatgttccc	agacagagct	aggatcctgt	attccaacat	1020
aattaaatgc	tctgttaaaa	atgtttccgt	gttcttttct	gtttgttcaa	aatagtttac	1080
agcaactgac	tactaatcct	aatcctgaac	atgataatgt	aataacatat	ttttaatcaa	1140
gccatagatt	ctaacctatt	ttctactatt	acccatttgc	ttaaaaacag	actttcaggg	1200
gtgtaagcaa	cagtaagtta	aggagttttt	agttctacct	ttctcttgat	tgattgattg	1260
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acattccatc	cgctccacct	agatgcaatc	aggacacat	gcaatccac	acacaactcag	1500
aacatgggca	ccaggtagaa	ctaactcaaa	acaacttttg	ggacaaatat	gagatttcaa	1560
tttgtcaatt	attccatagt	gcagtattct	cacaaaacag	agattttgtg	ttgaaacatt	1620
tgttttttct	tctcacatca	agttgaattg	ctaaagtaat	gtcagaaaga	acatgaaaaa	1680
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agtgtgtttt	tgtggttcat	acagtaacgc	attaattatg	atttcaacca	acagcttcac	1800
tgtttgtcct	gtatgcctgt	ttatgaagat	gcgtctctat	ttcctccctg	aagaccagca	1860
ttcccagggtg	ggagtggagag	gcctcattca	tggctttaga	ctggatgcac	atgcggtact	1920
gctcgggggt	cagctcatca	gcacagcgct	tttcatgcca	gaggtggaaa	agaccaggaa	1980
ccggagtccg	aatcacaatg	aggtcacat	gtaagtattt	tcgataaaga	tgaacatctt	2040
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actgacaagt	cattccaaaag	ccaaaatctc	gccaaaagcc	agaatccttt	ttgtgaacca	2160
gctgctgctc	cacagggtgg	ggcaacttct	ggttggcata	aacaatggca	ggattgtaaa	2220
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agaccaaggt	ttaattgtga	aaatttagact	cactatgagg	aaagcacaca	caacaaatga	2460
taagtccac	ttaaagttac	caattttctt	ccttcaacac	agcttacaaa	atatgtttta	2520
cacttcaaat	atgttgattat	attggttcta	cattcacaaa	gggaaagaaa	atcccacctt	2580
catctgtatg	attatcatca	gggagagata	ttca			2614

<210> 4119

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<211> 3609
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (3610)...(2041)
<223> similar to gi7758 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 4119
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tgaaagactt aacgaaagaa aaaccacaa gaaattatta aacttttact atcgaaagga      180
tttacttttg tggagttgag ggtgggagag aaatgaatct ttatgttctc ctgttagaga      240
atagcttttt tccttccagc ttccacactg gcacatgctt attacaattc taccttggga      300
acatgacaga atttttttct tatgcattca tgcaacataa acaaacagat aattctagga      360
agactgtgat taagtcactt gcattctgac ctattatttt attttcatct ctccctgact      420
ctgggtgagc caaaggctat taagattatg ttctcctgct cactcactag gcagacctct      480
actcgagaag tgatctgaca gcgcagtagc tgatgctcgt ccagtgacta aagcagtcag      540
gctgaaaaca gattttatct caacaacagt cctagtttct tctgtcctca aacactgtta      600
tttattttca agataaaatt tagtaacaac attacgaagt agcttttatt cccttgggtg      660
aataagatgt gcacatttaa taataaattt gcttactaaa ggtcctttta ggggaaaaca      720
accttaaaaa tacagttcta gtccttgggc agtgaacaaa gaaaaaatgt gcttgagaaa      780
cacagtccag gttaaaggaa aactctcaga tcggttaatg cagttgaatt tttgcttgag      840
aatgtgagca acgtatcagc aaatacattc attcctgtgc tactcttcat tatttagcat      900
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cttagtccag aatttcccaa atttatgtga acatgggaca tcatttttca tagcacacac     1200
gtgaacaagc cattattctt taaacaaggt attacaaaact caaccactct ggagaactga     1260
tgagcgccta actgaaatta ttagactaaa ttcttagtaa acaatgtttt ctgaaccttg     1320
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tgaaaccatt tttaaaagtg gcttagaaca acaattttac tgagcactta ctatgcaccc     1500
accaggtata ttctttttat aatgtaatct tcaaaatgag ctgtcaaact attggcccat     1560
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gaactcaagt ctgtgactct gaagacatga aaaagttaca catttcagat gaatgcataa     1680
actatcttta tgggtatgac atgaaaagta actgtagaat gttaccttaa ttacatttcc     1740
taatgcatga tgtggacaga cattagaaaa gtttggactc agttggaaaa acaaatccag     1800
cagttaaaaa agtcctttac ttgcaatccc tacccttagc taaccaaga gcatttaaaa     1860
aataacttaa aaagtagcca tcaaagatac caatcaattt cttactggtg aaatatataa     1920
gaacttccag gagtcacaag agttccaaac aattaattta taaaaataac aaaacatttg     1980
tctatgaaaa aaagatcagg attcactctc atcgacgtcc tcatctggat ggtgctcagc     2040
atcctccttt tcctgtgctt gtttcttcca cagtttggcc atggccagga gtttgaggtt     2100
aggttggttg gcagcatctt ctggaaagat gtaatcaaag tattcttccc agcctgcac     2160
agacccatca tcagtctgga cttttcttct cttcttgact ttctctggca tgagtttgtc     2220
tactctctcc ttatctgaag ctgttccaaa ttcttcttca aaacttcgcc aagattccag     2280
cagcataagt ctctcttccct tttcttcaca gtttcgcatg gttttgtag cttcttcata     2340
aatttgctct catttagtca aacttcttct ttttctgaa gacaactcaa actgagcaaa     2400
gctgatccat accttgacat gctgcgtccg ttgaagcaac cgccggtaaa ggtttcgtgt     2460
tctttctggt tcttctctgct caatttcaaa atcaatatat gatttccaaa gcacctctgg     2520
catgtctaaa cgtggctgac tgatggctaa ttcatagatt gcccgtgctc tgtcaatatc     2580

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accaaggatt	gtctctaatt	cagcgaattt	aatccatgag	gtacaatttt	caggtccaaa	2640
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ccatgcatca	taattgtgtg	gattcgcctt	cacttcttct	tcgtactgga	atctccgttt	3120
gtcaccaatg	atatcttcaa	taccccgctt	atcaccaaac	ttcttctcaa	agatggtata	3180
atTTTTaaag	agttcttggg	catcttgttt	tgaaattctg	tccagggcat	acttgtaa	3240
cactcgtacc	ctttcaaact	ctttctgatt	ttcttcaaac	ttggcaaagg	caacataaag	3300
gtgctcatcc	atatgttcat	ctccaaagaa	ttccacagct	ctctcataca	ctttccgtgc	3360
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cagctcaaag	ttgatgtagg	agtgccaggc	ttgtcctca	ggctgccact	ccatccagcg	3540
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<210> 4120
<211> 1574
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(541)
<223> similar to gil871539 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 4120	
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gaagaatggt	gactttcact acaagcagat ccccatctcc gaccactgga gccagaacct 180
gtcgcgggtc	tttccggagg ccattgagtt cattgatgag gccttgtccc agaactgcgg 240
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cccgcctcc	ttcttcacca cccccaccag tgatggcgcc ttcgagctgg cccccacct 540
gggccccgtg	gcccggcaggc cggcccctgc cccaccccca cccacgggtg tccctgccca 600
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cccagtggct	gcttggggga gaggcggttg ccatcactgg tgttgtcacc tccctgtttc 960
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```

ggctctttgt gagggagggg ggccaaacta ccgccggagg aaatgggggc tcagagcgag 1200
agctgcggag ggggagggga aaaaaaaggc ctcaactttt ctgcctgcgg ggccccacac 1260
agccgctgct actttggggg gtgggggaag gggccaaagc tgaagacaca cacagtcatt 1320
catttctgtc caacacccct gtgggtggcg ggtgtgccgt gtgtgtgctt gtgtgtgcgc 1380
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tctttgcagc gtggggccgt ctacccctgg agcctggaga ggatctatgc ttgtttgttt 1500
ttgtaatcca tatcatagtt gctttcttta attgttcctt ctgaataaac agttttattta 1560
agataaaaaa aaaa 1574

```

```

<210> 4121
<211> 2390
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(2176)
<223> similar to gi6016932 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 4121
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gaactctgtg gaggagctct tcagtttggt aaattttctg gagccatcac agtttccttc 120
agagaccgct ttcttgaggg aatttggaaga tctgaaaaca gaggagcagg taaagaaact 180
gcagtctatc ctaaaaccaa tgatgcttcg gcggctgaaa gatgatgtgg aaaagaacct 240
tgctcccaaa caagagacga tcattgaggt ggaactgacc aatatccaga aaaagtacta 300
ccgtgccatc ctcgagaaga acttttcctt cctgaccaag ggggcaaadc agcacaacat 360
gcccaatctc atcaacacca tgatggagct gaggaagtgc tgtaaccatc cctacctgat 420
caatggagca gaggagaaaa ttctagaaga tttccgaaaa acccacagcc ctgatgcccc 480
tgactttcag ctgcaggcca tgattcaggc agcaggaaag cttgtgttga ttgataaact 540
actccctaag ctgattgcag gtggccacaa agtactcatc ttctcccaga tgggtgcgtg 600
cctcgacatc ctagaagatt acctcatcca gagaagatac acctatgagc gaattgatgg 660
gcgagtacgg ggaacactgc gccaggcagc catcgaccgg ttctgtaagc cagattcaga 720
ccgctttgtc tttcttctgt gcaccagagc gggaggcctg gggatcaatc tcacagctgc 780
tgatacctgc atcatatttg attctgactg gaaccacaaa aatgacttgc aggctcaggc 840
ccgatgtcac cgcataggcc agagcaaagc tgtgaagggt tatcgacctc tcaactcgaaa 900
ttcctacgag cgcgagatgt ttgacaaggc cagcctaaag ctggggcttg acaaggctgt 960
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ctccaagttc tgtgaagaag acatagacca gattctgcag aggcgaacgc acaccatcac 1140
catccagtct gaggggaaag ggtccacttt tgccaaggct agctttgttg cttcaggaaa 1200
cagaacagat atttccttag atgatcctaa cttttggcag aaatgggcta aaatagctga 1260
actagacact gaagcaaaga atgaaaagga aagcttagtg atcgaccgac ctgcgtgag 1320
aaagcagacc aaacactaca actcgtttga ggaagacgag ctcatggagt tttcagagtt 1380
agacagcgac tcagacgaaa ggcccacgag atccaggcgc ctcaatgaca aagccaggcg 1440
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gtggaaggac atcctgactc atggccgatt caagtggcat ctgaacgaga aggacatgga 1560
gatgatattg cgtgccctcc tgggtgactg tgtcaagcat tataaggggg acgagaagat 1620
caagagtttc atttggaac tgatcacacc taccaaagat gggcaagccc agaccctcca 1680
gaaccactca ggtttatctg cccagctccc cagagggagg aaggggaaga agacgaagaa 1740

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ccagttgcta atcccagagc taaaggatgc agattggcta gccacctgca accccgaggt 1800
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gcgagtcgag atgctgtact acctaaaagc tgaaatactg ggagaagcag ctgagaaagc 1920
atgtgaagga tctcctgcca gggagctgga tgtacctctg cctgacatcg actacatgga 1980
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agttgggatg cccgatgaga agtccctttc tgcagaacag ggtgttacag atgggacctc 2160
agacattcct gaaagaggca acacagataa agaagacaat gctgaggaca aagtagatgg 2220
cctccagaaa caaacggaga gttccagtga tggagggtgat ggcgttttta gcgaaaagaa 2280
ggatgacagc cgggcagccc aggatggctc cgacccagac aaatcgccct ggccagtttc 2340
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```

<210> 4122
<211> 4764
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1408)
<223> similar to gi3043622 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 4122
cttcagcaaa cagaggacaa atcactcctg aaccagggga gcagctcaga ggaggttgca 60
gggagctccc agaagatggg ccaaccaggga ccctcaggag atagtgattt ggctacagca 120
ctgcatcgcc ttagcttgcg tcgacaaaac tatttaagtg agaagcagtt ctttgctgaa 180
gaatggcagc ggaagatcca ggttctggca gaccagaagg aaggagttag tggctgtgtc 240
accccgacag agagccttgc ctctctctgc accacccagt cagagatcac agacctcagc 300
agtgccagtt gccttcgagg ttttatgcca gaaaaattac aaattgtcaa gccccttgaa 360
ggatcacaaa ctctgtatca ctggcagcag cttgctcaac caaacttggg aaccatcctt 420
gatccacgac caggtgtcat tactaaaggc tttaccaggt tgcccgggga tgctatttat 480
cacatctcag atttagaaga ggatgaagag gaggggtatta cttttcaggt tcagcaacct 540
cttgaagtgg aagagaaact ttcaacatcc aagccagtaa cagggatctt cctgccaccc 600
attacttcag caggtggacc agttacagtt gcaaccgcca acccaggaaa gtgcctgtcg 660
tgcacaaact caacattcac tttcaccacc tgtagaatat tacatccctc tgacatcact 720
caggttaccc ccagctctgg gttcccttca ttatcctgtg gaagtagcgg tagcagttca 780
tccaacacgg ctgtgaattc tcctgccttg gcctatagac tcagcattgg tgagtccatc 840
accaaccgac gagattccac tacaaccttc agtagacca tgagcttggc caaacttcta 900
caagagcgag gcatctctgc caaagtgtac cacagcccaa tttcagagaa cccctccag 960
cctctcccta aatccctggc tatcccttcc acaccaccaa attcaccatc tccactcact 1020
tgcccttctc ctttaccctt tgagcctcga ctgcatctct ctgaaaattt tttggcctct 1080
cgaccagctg agacattcct ccaggagatg tatggcttga gaccctcccg gaacctcct 1140
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gtggtcaaga accctggtgc ccaagagaat ggaagatgcc aggaggcaga aattggtcct 1260
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cccaaatagg gtgtcctgaa ggaggactga ggttcagcag ttaactgacc ttttatacaa 1440
gttagcacat gaaggataga tatgcactga aacatgtggt ctggtctgac ttgagagaaa 1500
aggaatgttg cacaaggggt gtgaatgtga aagggggaat ggaggaatgg aaataaaatt 1560

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aacataaaaa	gtgaatacaa	ataaattcag	taatactaaa	acatacagag	atactgaact	1740
tgctggcaca	tttacttctg	gtaagcataa	agcagagaga	acccagggtta	gaaggatggg	1800
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tttaaatttg	tatttttata	caacctccaa	aaaaaaaaac	aactgggtag	agggtgggag	2160
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aattccttgg	aggctggaag	gggttaagcc	agaagtgcaa	tcaataggaa	ttagggaatg	2340
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tgtggataac	tgagccgtcg	ccttggcaga	gggacatccc	cctccagagt	ggggcacaa	4620
tgccctctag	gggcagccag	gggaatacta	ttggttcgat	acctgggatt	tgactttgtc	4680
aaacagctct	ttgtgcccct	atctttgttt	tgtcaaatgt	agatcagtta	ataaacatga	4740
gtagcttgaa	ttttaaaaaa	aaaa				4764

<210> 4123
 <211> 1102
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (941)...(853)
 <223> similar to gi5360125 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4123
 ttttttttta aaaaaaaatt aagctcttta attatgtgca cacagatttt agaaaaggta 60
 gccttttgta tatagatacc ttacattctt ttaggctgac ttttaaattg tcatcttttt 120
 tcaactacag tttttgtata tagtaaacca gaagatgtgt atggaccctg ttatggccaa 180
 gcatctcaaa gatgaagaga gaattaatga tagttatatt tcaactcaaaa tgccaaaaaa 240
 aaaaattcaa caaagtaaaa attttaaaac ttgactctaa ctagttcctt tttgtttttac 300
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 aaatggtagt tccatgcttg gaacccatgg ctgatgactg aaagctaaca ggattgatag 720
 atgctgttgg aggcattgta ggaacaaaaa ttagacttcg aaattcatta tgtcttctct 780
 gtatatcttt tagtcttttt tgaagccttg tatagtcttc aaaaggaaca ttttgtctat 840
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 cttgtagtct tttcaatttg ttttcatgaa gagattttct ctaaaaagag aaatatgaac 960
 aagtatgtta atacataatc tcttatttga acaaaactat atagaaaata ttttactcac 1020
 caaaaactgt gtttagatat gaatgttttc agtgaatact agaaacaaag gttagtagac 1080
 atggctctta ctgaaaattg ca 1102

<210> 4124
 <211> 543
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (518)...(266)
 <223> similar to gi3257704 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4124
 tttttttttt ttggcttcca ataaaaaata attcaacttt attagtatga aatattttga 60

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1883)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (7)...(1298)

<223> similar to gi4581082 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4126

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gccgggggtg	tgtccatcta	ctacctgggg	aagaagttcc	tgggcgacct	gcagccagac	120
ggaaggatca	tgtggcagga	gaccgggcag	accttcaact	caccagcgcc	ctgggccacc	180
cactgcaaga	agctggtgaa	ccctgccaa	aagtcgggct	gtggctgggc	ctctgtcaag	240
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acgcctgcca	cggctgctga	tgagagccca	gccagtgaag	gggaggagga	ggagttgctg	360
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ccactgggga	agagcccttc	agagcctgcc	caccgggagg	ccacaacccc	agggaagcgg	480
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ttcaacgtgg	ctgtttctag	caacgtgctg	ttcctgctgg	acttccacag	tcacctgaca	660
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gaagaggaga	tctaccagag	cctgttcctg	cggggcctgt	ccctggtggg	ctggtaccac	840
agccacccgc	acagcccggc	gctgccatct	ctgcaggaca	tcgacgcaca	gatggactac	900
cagctgcggc	tgcaaggctc	cagcaatggc	ttccagccct	gcctcgccct	gctctgctcc	960
ccttactatt	ctggcaaccc	aggccccgag	tccaagatct	cgcttttctg	ggtgatgcct	1020
cctcccgagc	aaaggcccag	tgactatggc	atccccatgg	atgtggagat	ggcctacgtc	1080
caggacagct	tcctgaccaa	tgacatcctt	cacgagatga	tgctgctggg	ggagttctac	1140
aagggttccc	ctgacctcgt	gaggctccag	gaaccctgga	gccaggagca	cacctacctc	1200
gacaagctta	agatctcctt	ggccagcagg	acgcccagg	accagagcct	gtgtcacgtc	1260
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tccagttgtc	ttgagggtcc	ggatgggctc	aagttctgga	gggggtcaat	gaagttctgc	1380
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cactagactg	agacactcct	cagcctttgt	ttttgaaata	gcgtttcaca	ggctggaacg	1560
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tctttgagat	gaagtctcgc	tggtgcccag	gctgcagtgc	agtggcatga	tctcagctca	1740
ctgcaacctc	tgccctcccag	gttcaagcaa	ttctcctgtc	tcagcctcct	gagtaagggg	1800
gattacaggg	gcctgccacc	acatccagct	aatttttgta	tttttaatag	agacgggttt	1860
caccatatag	accnacaaaa	aa				1882

<210> 4127

<211> 559

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(560)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3)...(292)

<223> similar to gi4062680 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4127

caggctgctt	catgatcaac	aactgcacca	ccctctcccc	agattcagga	gatatcgcca	60
atacgttgaa	atcacgccat	gcgatgcaag	agcgcacttt	gcagcagttt	ttatgtcaac	120
gacaagcgcg	cggggaaatc	ccgccccact	gtgacgtgac	acatctggca	gaattcctta	180
attgtattat	tcaggggatg	tcgatcagcg	cacgcgaagg	tgcacgctg	gaaaaactga	240
tgcagattgc	cggaacgact	ttgcgtttat	ggcccgaact	ggtgaaataa	gtcgcaaaaa	300
aagcccctca	gcctgagcga	atgagggggc	aaattgcaga	gtacagcctt	gttatacttt	360
gttattcaaa	atcagttgcc	cgttgctatc	tagcgggatc	tgcgtacccg	gatcgcggtc	420
catgcggatt	ttgccctgct	gatcgccaat	cttataggtc	acatcataac	cgagncattt	480
tttctgactt	gtcatacacc	gttttacaac	gctgttgctg	agtcgtgtaa	gtatcgcttt	540
cctgggagag	agccctggg					559

<210> 4128

<211> 1608

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(272)

<223> similar to gi3513303 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4128

gggttccgtg	gccctgcacg	tggagaagct	gcccaatgag	cccaaccgct	tgcttatcct	60
ccacggcttc	ctggacgaaa	acgtgcactt	tttccacaca	aacttcctcg	tctcccaact	120
gatccgagca	gggaaacctt	accagctcca	ggtggccctg	cctcctgtct	ccccgcagat	180
ctaccccaac	gagagacaca	gtattcgctg	ccccgagtcg	ggcgagcact	atgaagtcac	240
gttgctgcac	tttctacagg	aatacctctg	agcctgcccc	ccgggagccg	ccacatcaca	300
gcacaagtgg	ctgcagcctc	cgcggggaac	caggcgggag	ggactgagtg	gcccgcgggc	360
cccagtgagg	cactttgtcc	cgcccagcgc	tggccagccc	cgaggagccg	ctgccttcac	420
cgccccgacg	ccttttatcc	ttttttaaac	gctcttgggg	tttatgtccg	ctgcttcttg	480
gttgccgaga	cagagagatg	gtgggtctcg	gccagcccct	cctctccccg	ccttctggga	540
ggaggaggtc	acacgctgat	gggcactgga	gaggccagaa	gagactcaga	ggagcgggct	600

gaatattacc	gatgtctctg	tatcctgatg	atgcacgact	accaggttgt	ccaccacggt	1260
cagggcaaac	tttcccgtcc	tatttaactt	caatatgtgc	atcttttttac	aggcaccttc	1320
tcgtggtaga	tgatagagga	ccacctccgc	tcctgtgctg	ttggaggtcc	gagaatgatg	1380
cctcaagaag	agaacataca	gctgcccgt	tatggtagcc	attgcatgt	ctctttcgg	1440
aaggctgggt	ttagttgact	taggcgcagc	tggttaattca	atctcaaatt	tgggcagctt	1500
cgacatagtg	ccagccctaa	agtgaagg	ctgcaggaca	ttctccagga	ccgtggtaga	1560
cagcaagatc	acggcgctct	cggggcagta	catgtaccaa	ttcacattga	gattgtggct	1620
cttcaagagt	ttcagactcc	gtttctcttg	taatacctgg	taaaattcga	ttccttgatc	1680
tgttatgaag	acaatttcag	ttgaactagt	ccagcagaat	cctagaatgt	tggcattctt	1740
agtcttgac	tcctgtgtgt	attccagctg	ggaattatca	gggataaaat	tacaaaaatc	1800
cacagtcttt	gaggtcctct	gaacagccaa	tatcttattt	tctaaggaaa	acttaatgca	1860
cttcacttct	cctttgtcat	ccattctaaa	tgagatggga	ttcctatcat	ctgggccttt	1920
aactaccacg	ccagttagctc	caccagatcg	aacagcaaaa	acctgcttgt	tggcctcatc	1980
gaagaagacg	cagttgacag	ggttcgcctt	ctcgaactgc	accggccgct	cgcacagctc	2040
cagatagtag	tcctcctcgc	ccatggcggg	cgcagcgcgc	gcggcggggg	ccccggacga	2100
aa						2102

```

<210> 4130
<211> 1049
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (193)...(654)
<223> similar to gil840045 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4130						
ggaaggcctg	gtgcaggagc	ctctgagctc	tttcttctctg	tgaccacgga	cctgtcagtt	60
tccaaacaaa	acgcgtgcct	cacttggtgtg	gattttgtca	ctgtgcatgt	atgtatgggt	120
ttctggggca	ttggtcctgg	tgctctctcc	acatcctgca	tcccgtagcc	tctgtctcat	180
ggcccaggca	gtgtgaaggc	ggagatgctg	cacatgtaca	gccagaagga	cccgtcatc	240
ctctgtgtgc	gcctggccgt	gctgctcgcg	gtgaccctca	ctgtgccagt	cgtgctgttc	300
cctatccgcc	gggccctgca	gcagctgctt	ttcccaggca	aggccttcag	ctggccacga	360
catgtggcca	tagctctgat	cctgcttgtt	ttggtcaatg	tccttgtcat	ctgtgtgcca	420
accatccggg	atatcttttg	agttatcggt	tccacctcag	ccccagcct	catcttcac	480
ctccccagca	tcttctacct	ccgcattgta	ccctctgagg	tggagccttt	cttatectgg	540
cccaagatcc	aggccctgtg	ctttggagtc	ctgggagtc	tcttcatggc	cgtcagtcta	600
ggctttatgt	ttgccaaactg	ggccacaggc	cagagccgca	tgtctggaca	ctgatcaggc	660
cctgctggcc	caggtccctg	tgcgcatgca	catggagggg	tcaggggcgc	tccttagggg	720
ccctcctgcc	caacatgtgg	aggtggctgg	ttcccatgaa	cgtgggtgtc	agaggcgggg	780
gacagcagag	gctgcagact	ggcccaactt	cctcctcccc	agggatgcca	agcttgatc	840
atggccctaa	tcccaacccc	aaccccatgg	gaggaggagg	aggaggaaga	agaggaggag	900
gaggaggagg	aggaggagga	ggaggaggag	gccaggtcct	ggtggagcct	ttgccagcc	960
cagtcctctc	tgcctcctcc	tggctgaagc	tgtttgtcca	ggattaccct	cggggctaaa	1020
gaggaaaaat	aaagatgttg	agctaccaa				1049

<210> 4131
 <211> 4199
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(2550)
 <223> similar to gi3882185 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4131

cagcacatga	ggaacctgca	gcaacaggag	ctgcacaggc	ttctccgggt	ggctgacaac	60
caggaactgc	agctcagcaa	cctgctctcc	agggaccgca	tcagtccgga	gggcctggag	120
aagatggcgc	aactcagagc	tgaactgctg	cagctatatg	agcgcgtgat	tctattagat	180
attgagttct	ctgataatca	gaatgtggat	cagatcctgt	ggaagaatgc	tttctatcag	240
gtgattgaga	agttcaggca	acttgtcaag	gatccgaatg	ttgagaaccc	agaacagatt	300
cggaacagac	ttttggagct	cttggatgag	ggtagtgact	tctttgatag	tttgcttcag	360
aagctgcagg	ttacttacia	gttcaaactg	gaagactaca	tggatggtct	tgccattcgc	420
agcaagccat	tacgcaagac	agtaaaatat	gccttgatca	gtgccacagc	atgcatgata	480
tgccaaggag	atattgctag	gtaccgggag	caagccagtg	atacagcgaa	ttatgggaaa	540
gcacgcagtt	ggtacctgaa	ggcccagcac	attgctccca	agaatgggcg	cccctataac	600
cagttggcct	tgctggcagt	gtatacgagg	aggaagcttg	acgctgtcta	ttactatatg	660
cgcagtttag	ctgccagcaa	ccctatcctg	actgccaaag	agagtctcat	gagcttggtt	720
gaagagacca	agcgggaagg	agaacagatg	gaaaagaagc	aacatgagga	atttgacctg	780
agccctgacc	agtggcggaa	aggaaagaag	tctactttcc	ggcatggttg	agatgacacc	840
actgcctggg	agatctggat	tcatccatcc	catccacggg	cttcccaggg	cactgagctt	900
gggaaggatt	ctgagcaaga	gaatgggctg	ggcagcctga	gtcccagtg	tctgaacaaa	960
aggttcatcc	tcagttttct	ccatgccc	gggaagctgt	ttaccgggat	tgggatggag	1020
acattccctg	cagtggctga	gaaggtcctc	aaggagtctc	aggtgttact	gcagcacagc	1080
ccctctccca	ttggaagtac	ccgcatgctg	cagcttatga	ccatcaatat	gtttgcagta	1140
cacaactccc	agctgaaaga	ctgcttctcg	gaggagtgcc	gctctgtgat	ccaggaacaa	1200
gccgcagctc	tgggcttggc	catgttttct	ctactgggtc	gccgctgcac	ctgcttactt	1260
aaggagtccg	ccaaagctca	gctgtcctct	cctgaggacc	aggatgacca	agacgacatc	1320
aagggtgtct	cctttgtccc	ggacctgaag	gagctgtctc	ccagtgtcaa	agtctgggtc	1380
gattggatgc	tcggctaccc	ggacacctgg	aatcctcctc	ccacatccct	ggatctgccc	1440
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tgctacgtgg	agaaaacctc	ggataagggt	attgcagctg	actgcaaaag	ggtcacagtg	1680
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tcagaggctg	aaggcagcgg	aggcgaggat	gacatcaggg	agcttcgggc	caagaagctg	1920
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tacatcctgg	tgggtccccct	catcgtgatc	aatgagctgg	acggcctggc	caaggggcag	2160
gagacagacc	accgggctgg	gggctacgcc	cgtgtggtac	aagagaaggc	ccgcaagtcc	2220
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cgtggcaatg	aactcgaatc	catcgcttcc	cgcagtggag	acatcactgg	ccagctgggt	2340
aacaacgatg	atctcatcct	gtcctgctgc	ctccactact	gcaaagacaa	ggctaaggac	2400


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ttcatgcccc ccagcaaaga ggagccaatc cggctactgc gggaggtggt gctgttgacg 2460
gatgaccgga acctgcgtgt gaaggcgtc acaaggaatg ttctgtacg ggacatccca 2520
gccttcctca cgtgggcccc ggtgggctga gggagccaca ctggggcccc ccccccggg 2580
gaaccgttcc tgaaaggcca ccaggcgccc agggtagcac ggaaaatgcc cacgtgcctg 2640
agccaccaat ccaccagac aataaaccat cctcttccaa ccacgccac ggccatgctg 2700
tgggggacct gctcctcaca gagccctcc caaggatcgg gcggaagctg ctgggaccct 2760
cctgggctgc caggatttag caggggaggtg gctggctaca gcaacagcag ctgggcaagc 2820
cagataggcc gctcatgctc tcagcctttc tccctcccc gtctcattcc aaggctgagg 2880
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gaaatgtcct gactctcctc agctccccct tcaccctcc ttgcccgctt accctccctc 3420
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tgagttcctg aaaccaggg ccagagacaa ggacaactta ggggaagacg gggttttcgg 3840
tgagaccagg ggcaaatctt aatgggacca gtgggggata cccagagacc catggcctga 3900
ctgcacagcc tgcctggagg atgggtgcgc agctctgccc tccctgaggc ccaggactat 3960
gccagaagcg atggggtacc gtgtagggga gccaaaggcca gtagtttggg ggtaggagtc 4020
ccctagagtc tcagaagact gggctctttg gagtacaggg tccccggcct ctcttttaag 4080
attctctccc cagctggaag gccgatgact ggggtggtcgg gagggagacc cagctctcct 4140
ttctgtcccc tttgcagcac tgggtttgtt tccttaataa attttttagt atgaaacat 4199

```

<210> 4132

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(128)

<223> similar to gil83817 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4132

```

ctgtgacaag ctgcacgtgg atcctgagaa ctggaggctc ctgggcaacg tgctgatctg 60
tgtgtgggcc catcactttg gcaaagaatt caccacacca tgccctggccc ctctgctggt 120
cttgattgaa gtcattcatg caactgtaat catctaattg ctcatctggg actgagattg 180
tctcaagcac atgtctggca gttggtgtca cttgttgatt gggcctctct cttaacgtaa 240
ggaagtgagc caaagcttct cacattatga cagcagggtt cccatagagc caagtgcagc 300
ctgtaagttc tcttgaggta tcaacttggg agacacacca ttacttctgc attgtat 357

```



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tggaaatgtc atctttgtgg catatattaa gtggcagttt attttctttc cctgccagta 600
tacttcgttg ggtcggggag aacaaagaat ggttttgaaa ccagagcttt cagttccctt 660
catggtttcc agaggtgaga agcctctgtg ggtagtagat ttgggatgga acacacacaa 720
cccttctaata gaccctaagt tgttaactaa ctgcctttga atgggtgtct tgaaatacct 780
ggtgtatata ctgcagaaaa ggaatgcagc tgttttccac agtggttgtc cccaacttct 840
gtttgtactc agaatcgttg aacatatgaa gattttgggc ccataatcct taaactatag 900
cctgaggtgc acctgattac atagagtttg gatggagcaa agaaaaatcc aatagcattt 960
tgcagagtaa tgtatataat tatgggctca cttcctactg gagatgttga aagtctaaat 1020
cggtttgacc attttgattg atggcacaat ctggtttaga aaactttgtt tagatcaatg 1080
acataaccct gctgcctctg cctgcccttc ccctcccttc tcccatcccc ttttccctat 1140
ctgggtgtctg tactttgatg aaggtgagct ataataattgg tggtaacat aatccagaag 1200
gcttagttct gtgtgtgttc tgtccctata taaactngga aaaaaaaaaa aaaggggggg 1260
ccgtttttaa ggatccaatt ttacgtcccc gggctggcaa ggtaatatat tttttatggg 1320
gcccccaaaa ttaaattccc gggccggggg ttaacaacgg ggggagggga aaaccccggg 1380
ggttcccca ttaaatcgcc ttggaagaac accccctttt ccccgggggg ggaaaaaaaa 1440
aaaaggcggg g 1451

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<210> 4137
<211> 331
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (203)...(94)
<223> similar to gi307106 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4137
caactgatag gggaaaaaac caacacactc ttggtcttca tgtaattctg tgaataaaat 60
ttgaaataaa tatattaaat aaatacagta gtacctgctg ttggaaaagt tcttctctca 120
caaccactcc agctgcttct tcctcctcct cctcttcttc aggtatggat gctttaaaga 180
ctgtacttct ttgagcaacc tcctaaaaac aatagtagtt taagttaata aacacactta 240
aaatcaccaa atgcggtgga tagggacctt ttctttgctt aagagacagc atttcttgcc 300
aggcgcaatg ggtaacacct tgaattccag a 331

```

```

<210> 4138
<211> 1006
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1007)
<223> n = a,t,c or g

```

<220>
 <221> misc_feature
 <222> (297)...(664)
 <223> similar to gil60299 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4138
 atcaccaaga cctattgatt ccacccattc cactttctct gaagctttcc ctttctctgc 60
 attttcccat catcacattc tactcaacct attgacactg accacctact atgggccagg 120
 cactgcgcta ggctgtaagt ctacataatg atctcaacaa acaactgga caaataatag 180
 aggatgattt ataagaagaa gacatcaagc gaggaaaaag aaaaaggcta tcctctgtga 240
 tgtgtgacag tgatgagagt gatgacagcg atatcctagt tagaaaagta ggtgttaaag 300
 gtccccgtag agtggttgaa gatgaagggt cttcagtggg aatggagcaa aagactcctg 360
 aaaaaacatt agctgcacaa aagcgagaaa aacttcagaa gctcaaagaa ctctcaaac 420
 aaagatctcg tcagagacgc agtagtggtg gagattttga ggactctgaa aaggaatctt 480
 gcccaagcag tgatgaagtt gatgaggagg aagaagagga taattatgaa tctgatgaag 540
 atggagatga ttatattatc gatgactttg tagtgcaaga tgaggagggt gatgaagaga 600
 ataaaaacca acaaggagaa aaattgacta catcacaact gaaattagta aaacggaatt 660
 ctctttattc ttttagtgac cactatactc attttgaaag agttgtgaag gctcttctga 720
 tcaacgcttt agatgaatct tttctgggaa cattatatga tggcacaagg caaaaatcat 780
 atgcaaaaga tatgctaaca tctcttcatt atttggataa ccgctttgtt cagcctcgtc 840
 tagagagctt ggtatctaga agtcgttgga aagagcaata taaggagcga gtagaaaatt 900
 attctaattg aagtattcat ttgaagaatc ctgaaaactg ttcctgccag gcttgtggga 960
 ctgcatcgct actgttaant attcagtgcn ttttttcagg agagtt 1006

<210> 4139
 <211> 1433
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (147)...(197)
 <223> similar to gi3845179 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4139
 cccattttgt tcccccccca aaaaaagggt tctttccaaa aattcccaag aaggtttata 60
 ataccccccc cttaaaggaaa aaaaattttc tttccactcc cgcgttaaag ttggcccccc 120
 cagggtattc ttaaaacggc cccccctttt tttttttttt tttttttttt agaacaaaac 180
 aggtatattt ctattagact acctgataca gaagatagtg tggtagtgat ggatagtagt 240
 aaggacaaat aatacaata tattttattg aaataaacia aaatgcatac acagctcaat 300
 gggtcacttg gaacaaactt gcttgactat attactgagc agaaacaaaa cggaagcaca 360
 aacacctttc tttttttgac atgtatctgg agataggtag gaagacacta cttgggtttt 420
 taaaaaactg accttccctt aaggcctggt catagaagtg taaacaatgt aaatgaatcc 480
 accattacca gttgtcatat catatctatg tcacctgtgt attctgagat tacacacata 540
 cctgccataa tacctgggaa aggttatttt atcacagtta cacttgagtt cttggcaggc 600

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aggactgagg aagagtaatt tgaaagaagt tttacatcct atttagaaga aatcactagt 660
atctccttaa ataacagggtt acaatagaaa gatactgcct ggaagttatc ctttcacttt 720
ggttcatttt tagtttttct ttatgattta catagctggt taattcattt gcttatagta 780
caatcctgcc ataaagtatt aaagcacaag atacctatta ttccttcaac atctgcattt 840
ttcaagtttt atactctaca tccacagtac gtcagcagtt cttgaatggt taaaaaaata 900
aatgggtaaa atgcttctaa aaaatgcaga tgtttataac tacaatggta ctaagatggg 960
aaggagacaa tgagagaagg gataaaaagca aacatgttca tgtgcaggga atgtgggttca 1020
agtctttgga tttaaaaaca agttccccag agaagctggc acttcctttg cctccaaaaa 1080
aggacctgaa aagtcccaat ccaaacttta gaaaattagt tatgagatgc aataaatgat 1140
gatatgagat gcaataaatg atgatcaaag cagtcagagg gagaaggatg aatgtgtctt 1200
ccatttagct agagactgta gcatagcctc tttagggtgt ggtggatcag taaaaacgac 1260
tgaagtacca gaagtgcctg gaaggatagg ggtacaaagt aatgaccata ataccttgct 1320
taaatcagta gcagggcttc atggctagga aactttttta aacagtaaaa tgtcattagg 1380
atagatcact ctctcaccaa cattaaatgt ggcagaatta accaaaaaaa aaa 1433

```

```

<210> 4140
<211> 760
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(359)
<223> similar to gi3800742 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 4140
gggaataagc ttgcggccgc ggaggacctg tcggacgcgc tgtgcgagtt tgacgcggtg 60
ctggccgact tcgcgtcgcc cttccacgag cgccacttcc actacgagga gcacctggag 120
cgcatgaagc ggcgcagcag cgccagcgtc agcgacagca gcggcttcag cgactcgag 180
agtgcagatt cactttatag gaacagcttc agcttcagtg atgaaaaact gaattctcca 240
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aatttagaca gtgaaactga ctttgtttac ctgcttgacg catattagaa cagacgatcc 600
atgctaatat tgtattttct cttaaaacat agctttcctg taattttaaag tgcttttatg 660
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<210> 4141
<211> 4090
<212> DNA
<213> Homo sapiens

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<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> similar to gi2130632 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4141

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aagctgggga	gggatgtgga	ggggaaaaag	atgacagaga	agtggactcc	aaacctcatt	480
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<210> 4142

<211> 2679

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2680)...(1435)

<223> similar to gi55729 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4142

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<210> 4143

<211> 4386

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (112)...(1945)

<223> similar to gi4759365 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4143

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aaagagatga agaaagaccc tctcaccaac aaagctccag aaaagccct gcacgaagtg 180
cccagtggaa actctttgct gtcttctgaa acgattttta gaaccaataa gagaggcgag 240
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ggtgtttctca acgggaagac tggaatgttt ccttccaact tcatcaagga gctgtcaggg 420

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gggacagtgg	caactgcagc	aatccagccc	aagaaagtta	agggagtggg	ctttggagac	600
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<210> 4144

<211> 3482

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(2890)

<223> similar to gi3043728 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4144

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```

ccacatcctc atctccgatg accagcttcc cgaaaacatc atccttgtca acacctcgga 1680
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gtgctctcct gcggacgtcc aggcggcctt cagcaccatc gtctcacgga tacagagata 1800
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agtcccggtg ggggtgtcct gagttgagcc tggggggggc cgtcctgccc gcctaagaga 3360
tgccccagc accgcacact cgtggttccc aataaactcc tgcctgcggc ggaggtttta 3420
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aa

```

<210> 4145
 <211> 1774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1777)...(297)
 <223> similar to gi2661090 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 4145
tttttttttt ttgccttctt attttaatag gatcatgtct ctcactttac aaatttctcaa 60
aacatatggg tcccttttta catacatata taaacacttt taaacataaa tatcaaattgc 120
atgagaatca tatgggcaga taaatttagg aagccaagaa cacagaacga aaagccagtc 180
accagatctt acaaataatc atctaaactt ctctggccat tcaatttgat acattatccc 240
aaatattcca tgtcacatgg tccacaaggt tttcttttgg gattctgaag caatcaatag 300

```

```

ccatacttgt cattaagatg ggttctgcca tctccacttt gaccttcagg tgggaccac 360
acacagtagt ctgggtcatc ttcaggatat ttggaagaaa gtgttggtgg aagtttgcct 420
ggaccagggtg ttttcttttt cttcaattca cctctgcttt tctcatattc attctttgat 480
gctgaggggtc ctgcgcacaa tgaagtgggt ttgctacagt cttgataatc tttattctgt 540
tcttcctcgc taagttgaga catgttttca tgggtttggg tttctttaaa atgtgtgaga 600
tctgtgggag gcctcatttc ctgcaactgt gcttctggct ctatctctgg ctgtggccta 660
ctgaggcttc catcctccag tttttcttt tcatgtcctt cttttcttt ctcttcttcc 720
tcttcctctt cctcctcctc ttctacttca ggctcatctt tcattctcat tagagttgga 780
gggagttctg gacgcttggg gggtaaacttc cctactgttc cagtttttaa tttgaatttg 840
cttcctcctt tcatggcacc aaatagaggc aatgtaagct ttttagcttt gttttctgca 900
cctgtagtct gagtttcagt cttttttagt tctggaatct ctgctggctt tacaattttt 960
attaaccctt taagtctctg ttgttctttc ctcagttcaa aagttctcag gtgaagtttc 1020
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gaatcctgag atggagactc tgatagaact tggccttgagg ctttcaatct ctcagaaatt 1140
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gctttccttt tccgagatac tgcttctctg cgaagcaatc ccaaagtgtc aagaatccga 1380
caagcttcca atgagcactg gatcattgct tcttttttct ttcttgagtg aatggcctca 1440
gccaccagtt gttttccagt tgaatcgtcc acaggtaatc tcaccctgca gagccaagtg 1500
ctatgtccct gttcatcaaa ttcattttct aattcttctc cttctcggtc aaaaaagcct 1560
tgagagagcct ttttgggagc ctttatataa aaggcctccc tttcctgctg aaactctaag 1620
acaatagggg tctcttcagc atcatcctct actgcatctt ctcccattcc ccaggtgcaa 1680
cccattctcat catcttggt accagcattt atcttccttt cagaggtatc catttcctct 1740
tcttcatctg agtcttctcc tagcatcttc ttct 1774

```

```

<210> 4146
<211> 1911
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1912)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(933)
<223> similar to gi2642187 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4146
gcggccgcca cagcccccca gacgacttgg gctccagctt ctaccgggag ctggggccct 60
acagctcccg ggaccccgaa gtgctgcggg acagtatgac ccagctcaag gaagccgcca 120
tcggcgctct ggtcctgtcc tggtagccac ctggcatggc tgatgataac ggggagccct 180
cagatgacct ggtgcccgcc attctggaca ccgccatca gtacagcatc caggtggcct 240
tccacatcca accctacaag ggccgggatg acatcactgt acatgacaac atcaagtaca 300
tcattgacac gtatggctcc catgggtgat tttaccgcta taagaacagc atgggcaaga 360
gcctcccact cttttatata tacgactcat acctgacgtc ccctgaggcc tgggcccacc 420

```

```

tcttgacacc aaacggggccc cattcgatcc gcaacacgcc ctacgatggg gtcttcatag 480
cgctgctggg ggaggagggc cacacccacg atatcctggc cgccggattt gacggcatgt 540
acacctactt tgcctccaat ggtttctcct ttggttcttc ccatcagaac tggaaagctg 600
tgaagaactt ttgtgatgcc aacaacctca tgttcatccc cagtgtgggg cctggctaca 660
tagacaccag cattcgggccc tggaaacaacc acaatacgcg caacagggtc aatggcaagt 720
actatgagac ggccctgcag gcggccctga cagtgaggcc cgagatcggt tccattacct 780
ccttcaatga gtggcacgag ggcacccaga ttgagaaggc cattcccaag aagacaccca 840
cccgcctgta tttggactac ctgcctcacc agcccagcct gtacctggag ctgacacgcc 900
gctgggcgga gcacttcatc aaagagaagg agcagtggct catgtgaggg gcctgtaaatt 960
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ccacatcctg ggaacacttt catgtaaccc cttctagttt tgaactctgc agcaggctgg 1260
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gctcctccca gtagattcct gaacccaatt atcaggaaat catcctgagc actcacaggt 1500
tcatttaaca ctactcatc aagcaccttc ctatgtgcta ggtgctgggg aaaacttgac 1560
caaggaagag ttctgtcct gaagcttcca ggaccagct ttcttttct ggtgtggcct 1620
tgtagctagt gcctgggcac aggtgttttt ctttttgtag ttttacctag tgctgggagt 1680
tcagttcttt ttctctaga aaaataacct tgtgctccag agcctaattt tcccagatg 1740
catatttagc tctagggaga ggactaggag gaaatcccc tccctttagc tgcctgaact 1800
gactgaggcc cactcactag agccatgttc agtgctactg tgattagtag taattaaata 1860
tgaactggta ttctggcacg aggcctgtnn ncaagcttgg cgtaatgatg g 1911

```

<210> 4147

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (13)...(166)

<223> similar to gil698601 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4147

```

cggacgcgtg ggctgtaccc ggcggttcgcc cagcctggcc aggagtgcta cctgcagaag 60
gagcctctgc tcttcagctg cgccggctcc aacaccaagt accgcgggct ctgcccctgc 120
cgcgacttcc gcaagggcca ggtggccttg tgccagggtc gtctgtgaat ccgcctctgc 180
caccctgcct ggcacccacg ctggctctct cctgcgcggg gagaaagcac cagcaggttc 240
tgagccctgg ctgcttgtcc tctcgcaac cccccaggc cggagcttcc ttcttagcc 300
gggaagctgg cagaggagag ccgtgcccgg gaataggagg aggcagcatg ccgagccct 360
gggacctccc aggcaggctc cggttctctc ctgggg 396

```

<210> 4148
 <211> 3068
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3069)...(595)
 <223> similar to gi5931916 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4148

ttatatTTaa	atgtTTTTac	taaaaaCa	aaatTTTTact	ggaagcta	ac	agatcaaatc	60
aaataccttt	aggaaaatct	aaagcaatgt	ttaaataatc	cttcctgcct	aaaacctaag		120
aggattttct	gatctaccat	gctacaaatt	tctacaagga	atgggcacct	ctatagagaa		180
aagggaaatg	cagcctaagc	cctttgtaaa	gaactccaca	gcaataatat	tactaatcaa		240
atctattgct	tttattgttt	ttaagtaagt	ggtggtatat	gtcatctttt	taaatgtttc		300
ttttgggaag	atcttataga	aaatggcacc	ctgaaacttt	cagctctatg	tcccaaaaat		360
tatctttcaa	caatctgatg	aagtttctta	aagaaactct	taaaaatgaa	gataatatac		420
ctggcctaaa	tcaaaacaat	ctgaaaaatg	gatgtgtccc	agtggaaaga	ctcaagtctt		480
ttcaagttta	tcagaaatgc	cactatacac	cactgtacta	taagtcgagg	aggatggata		540
tccaaaggta	tcatttggtg	acagttcctg	atggtctcag	gtatatccta	taatcactgg		600
ttactatgca	tcatttcttg	tagataaatg	gtattcatgt	gataagctgc	catccaactt		660
ggatgtctct	gagcattcca	ataatatgaa	tgagaagcgg	cagcataata	ttcttgccat		720
gccctgtagt	aagctctcca	gtactcctca	taatcctgat	aggatatcaga	aaaactcaga		780
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gaagaccgcc	tgggtaggtt	tctccggctc	tgcttagctc	tctggctagc	cccctcttta		900
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cttccatttg	gtggttggtc	caaagaaata	cgatcatcca	caggcgtaga	ttcagagtct		1020
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gatactgcc	gcactctgtt	actggcaggc	aaggaagaat	aaatccaatt	tatttgctcc		2400
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gtatatgctg	aagtctgcca	agggtacatt	atggccattt	ttaatttaca	gctaaaatat	1800
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aagttatagt	tgtcttttag	tatgtgatac	taattaagat	tacttttgta	ttatcactat	1920
ttaaaagatc	ctagtaatat	attctttcaa	ataccatggt	atttggtacc	atcaccgatg	1980
aatacctcct	aggcttatcc	ctaaaaatgc	tcgctcagag	aattaattat	aaacttggtt	2040
tgtttttagt						2050

<210> 4150

<211> 4188

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(2777)

<223> similar to gi4240253 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4150

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tgccaacttg	aaagatagag	actttctagt	gcagaggatc	tcagatttcc	tgcaacagac	180
tacttccaaa	atatattctg	acaaggagtt	tcaggaagt	tacaacagtt	cagatgatga	240
ggtgtactct	cgaccagca	gcctcgtctc	ctccagcccc	cagagaagca	cgagctctga	300
tgctgatgga	gagcgccagt	ttaacctaaa	tggcaacagc	gtccccacag	ccacacagac	360
cctgatgacc	atgtatcggc	ggcgtctcc	cgaggagttc	aacccgaaat	tggccaaaga	420
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ggatttacac	cgctcccttc	cagaacaccc	agcttttcag	aatgaaatgg	gcattgctgc	720
actaaggaga	gtcttaacag	cttatgcttt	tcgaaatccc	aacatagggt	attgccaggc	780
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aattaaagt	atattccagt	tggccctagc	tgtgctggat	gcaaagtgtg	acaaactggt	1140
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caataaagac	agcacactgc	ctccattccc	tcacctccac	tccttgctca	gcgatgatgt	1260
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gctgttggtt	tttattctat	ttacaggatg	atTTttaaac	tgtcaaatga	agtagtggtta	4140
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<210> 4151
 <211> 1615
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1616)
 <223> n = a,t,c or g

<220>

<221> misc_feature
 <222> (6)...(460)
 <223> similar to gi289757 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4151

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acttagaaaag	gcttttaact	tatgctgaaa	tcgacatttg	tcccaccaac	tggaaaagga	180
ttgttctggg	agccattctt	cttgccctca	aggtttgga	cgatcaggct	gtatggaatg	240
tggactactg	ccagatcctc	aaggacatta	cagttgagga	catgaatgaa	atggaaaggc	300
attttctgga	gcttcttcag	tttaatat	atgttcctgc	cagtgtttat	gccaaatact	360
actttgacct	tcgctcctta	gcagatgaca	acaacctgaa	ttttctattt	gctcctctta	420
gcaaagaaaag	agcacagAAC	ctagaggcta	tttctagatt	gtgtgaagac	aaagacttgt	480
gtagagccgc	tatgagaagg	tctttcagtg	ctgataactt	cattgggtatt	cagcgctcta	540
aagccatcct	ctcttaaaag	gagaaatgag	gggttataac	gtcatgggac	cttcatctac	600
aaagactgga	gaaataccac	ctttcctgct	caaaaaccag	caaaattagt	gttttcatca	660
aaaggaaaga	tctcaaattc	aagagactca	tggacaacaa	ggattatact	ccacaggaaa	720
gaatgggacc	ttgtcaatgc	aacaaaacac	tcttctgtcc	tttttaatgt	aaacagagtt	780
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aaagacacta	accatataac	ttttatgttt	cttccagttt	ctctccctcc	ccccgcattt	960
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cagaggaaagt	atcagttatt	gatatctact	tctattggag	tccatgttgc	atttcttgtg	1260
aactataaat	ggtgcttctc	attttctgat	aatttttctc	ttgctaataa	aatgtattaa	1320
aagatatttt	cataatgccA	accaacatgg	tggttcagtg	acgatgagaa	aaagtgaagc	1380
agtttttaagc	ttgaatatag	tttgggccct	ccaaggcact	gcagcatgag	tataaatgct	1440
ataaaccttt	aaaaaacatg	atttgaaagt	tttttgtttt	gttttgtttg	ttttaaagng	1500
ngggggctat	gccgccncnc	ttgccaggc	tggagtgcag	tggcttttca	caggtgcaat	1560
cattgtgcac	tcactgcagc	ctagaacttn	ctggtctcaa	gccatcctct	agcct	1615

<210> 4152
 <211> 3046
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2852)
 <223> similar to gi5456910 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4152

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ctcgcagcct	cggaggtggg	gagcggccag	ctccactact	ccgtctctga	ggaggccaag	120
catggcacct	tcgtggggccg	catcgcgcag	gacctggggc	tggagctggc	ggagctgggtg	180
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aatggcattt	tgtttgtgaa	ttctcggata	gaccgcgagg	aactgtgcgg	gcggagcgcg	300
gagtgcagca	tccacctgga	ggtgatcgtg	gacaggccgc	tgcaggtttt	ccatgtggag	360
gtggaagtga	aggacattaa	tgacaacgcg	ccagtttttc	caatggctgt	aaagaatctg	420
tttatttccg	aatccccgaca	gcctgggtct	cggttttcgc	tagagggcgc	atcagatgca	480
gatatcggaa	caaatctcgtt	gttgacttac	agtcttgatt	ccactgaata	ttttaccttg	540
gacgttaaaa	gaaatgatga	ggaaaattaa	tcccttgagc	tcgtgttgaa	aaaaaattta	600
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gagaccaaga	aaaagaagaa	aaagaagaag	gtaacaaga	cccaggagaa	aaaagagaaa	2820
gggaacagca	cgactgacaa	cagtgaaccg	tgaggctctc	aaatggaaac	aagccactta	2880
gccagttttt	gtaataatgg	caaactctct	ccatgtagca	attccctgct	cctttttcct	2940
atctacatga	gccctcttag	agacctcaga	aatctgcaga	aagttccctg	tgtctgtttt	3000
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<210> 4153

<211> 584

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tctaaagaaa	cagaagatta	caaaagcaat	tttcatttac	ctttccagta	tgaaaagcta	1020
tcttaaaata	tagaaaacta	atctaaactg	tagctgtatt	agcagcaaaa	caaacgacat	1080
ccaattgtca	tgctgcatgc	aaaactacac	agaattcatg	ttttgcagag	ttttgccaaa	1140
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taaaaattta	agtaagtggg	atacaciaag	aataataact	attaactttt	cattatttagc	1380
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<210> 4155
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(412)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> similar to gil246757 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4155						
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gctgactagt	tcgttctaga	gaactgactt	tctccccata	cgcttcctaa	atatccacag	180
actgtactgg	ccaatgtcat	attattgttt	cctgctgac	tgatatttga	gaagctagtg	240
ataggactgc	ataagtagat	ccagatccag	actgtactat	gccgtgccat	gggctaattg	300
ggagaaactg	atagagatta	actctttttc	taaagcgggtg	gtctttctaa	tgtaactatt	360
ttgcttgatg	catcttttct	acttgaggat	catcatctct	ttagntgtta	n	411

<210> 4156
 <211> 1475
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (232)...(1221)

<223> similar to gi4567068 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4156

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gaccttcac	agggctccgt	ccacttggcc	cgcttggctg	tccaatcaca	ctccagtgtc	180
aacctactgg	acccagcagc	caagagaggt	gtggcggtgg	cctgggggacg	catggctgag	240
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ctgccttccg	acacagtctc	cctcagtgac	tcggactctg	acctcagctt	gcccgggtggt	360
gctgaagtgg	aagcactgtc	cccgatgggg	ctgcctgggg	aggaggattc	aggtcctgat	420
gagccgccct	cacccccgtc	aggcctcctc	ccagccacgg	tgacagccatt	ccatctgaga	480
ggcatgagct	ccaccttctc	ccagcgcagc	cgtgacatct	ttgactgcct	ggagggggcg	540
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cctgcctcac	caagggtgcc	tccgggtccc	gactacgtgg	cacaccccg	gcgctggacc	720
aagtacagcc	tggaagatgt	gaccgaggtc	agcgagcaga	gcaatcaggc	caccgcccctg	780
gccttcctgg	gctcccagag	cctggctgcc	cccactgact	gcgtgtcctc	cttcaaccag	840
gatccctcca	gctgtgggga	ggggaggggtc	atcttcacca	aaccagtccg	aggggtcgaa	900
gccagacacg	agaggaagag	ggtcctgggg	aaggtgggag	agccaggcag	gggcgggcctt	960
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aagcagagac	cttgctgaag	ctcctggggg	gtggggtgtg	ggctggaagc	actggctccc	1440
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<210> 4157

<211> 952

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (774)...(656)

<223> similar to gi5817183 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4157

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ccttgactga	atcctgggttc	aaaaacaaat	attttgggga	acatctaata	tggactagat	180
atcatatgat	actgaataat	gtttaattat	cttcaatgca	atgacattgt	attacataag	240
aaaatgtctt	tatcttagga	gatgtttgat	gaagtattta	ggaatgaagt	gtcctgatgc	300
ctgcaatttc	ctttaaaatg	tccaacaaaa	aataggtaaa	acaaatacga	cacaagggtta	360
acaattacta	aatccactcc	tctgtgcatg	tgaaatTTTT	ccatcataaa	aatatgggag	420
aaattcttat	tgagtaagtt	tgtgtttccc	agatctcatg	tcaggtttca	gggcatttttc	480
ccaatactca	tgctataaac	tacacagaga	aacttgaaca	gaaaagttaa	gatgtgtaac	540
ccaaagcagg	gttaagtgga	agacatggat	gggctcggcg	tggtctttct	ggaactgcag	600
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aagtggacag	agccctggag	gagtctgctg	tcgtacaaag	gacagaaatt	catactctgc	720
ctgctgcaat	gtaattgtac	tctccttcac	tgccctggta	aggccagact	gcaagagaga	780
atccccagcc	ccccaccaa	aacacatgta	aagtcagttt	tcaaaggcat	ccagaaatga	840
aatttcactt	ttaaaatggg	caaataataac	cacaaataga	ccatttttag	agctcaagtt	900
caaattgcaa	ctgccatctt	tgcaccattt	ttttttcttc	aagaatccaa	gc	952

<210> 4158
 <211> 1507
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1508)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (6)...(934)
 <223> similar to gi484102 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4158						
agcagctgct	ccaggagaag	gcagctttcc	gggagctgat	cgcgagccta	gagctcgacc	60
ccaagtgcag	ggggctgccc	ttctcctcct	tcctcatcct	gcctttccag	aggatcacac	120
gcctcaagct	gttgggtccag	aacatcctga	agagggtaga	agagaggtct	gagcgggagt	180
gcactgcttt	ggatgctcac	aaggagctgg	aatgggtggt	aaaggcatgc	aacgagggcg	240
tcaggaaaaat	gagccgcacg	gaacagatga	tcagcattca	gaagaagatg	gagttcaaga	300
tcaagtgcgt	gcccacatc	tcccactccc	gctggctgct	gaagcagggt	gagctgcagc	360
agatgtcagg	ccccaaagacc	tcccggaacc	tgaggaccaa	gaagctcttc	cacgaatttt	420
acctcttcct	gttcaacgac	ctgctggtga	tctgccggca	gattccagga	gacaagtacc	480
aggtatattga	ctcagctccg	cggggactgc	tgctgttgga	ggagctggag	gaccagggcc	540
agacgctggc	caacgtgttc	atcctgcggc	tgctggagaa	cgcagatgac	cgggaggcca	600
cctacatgct	aaaggcgtcc	tctcagagt	agatgaagcg	ttggatgacc	tactggccc	660
ccaacaggag	gaccaagttt	gtttcggttc	catcccggt	gctggactgc	ccccagggtcc	720
agtgcgtgca	cccatacgtg	gctcagcagc	cagacgagct	gacgctggag	ctcgccgaca	780
tcctcaacat	cctggacaag	actgacgacg	ggtggatctt	tggcgagcgt	ctgcacgacc	840
aggagagagg	ctggttcccc	agctccatga	ctgaggagat	cttgaatccc	aagatccggt	900
cccagaacct	caaggaatgt	ttccgtgtcc	acaagatgga	tgaccctcag	cgcagccaga	960

cttttgtatc	ccatgggtata	atttaacatg	ttcatctgtc	ccctataaat	tgcaagttgg	1380
ctctagagtt	tcagcttcag	gttctttttt	aggtgagtaa	gggtaagact	acattataag	1440
gtgatgttca	cttcttttat	caagaagcac	ataatgtctg	gttgtcttta	atthttgtagg	1500
cttagctgac	attaatgttt	catgcctgga	tgcatatttt	catcagtgg	tgcaaattgt	1560
tgatactctg	gttttttctc	cctcacttat	ttttcagctg	tactgcttct	ataaagaaaa	1620
atttccccct	ctactattttg	gttacctagt	gctgcattta	tatagaaaag	gcgggataaa	1680
tattcttgct	cttatcagtt	ttaatataat	gtattccacc	tctagcaacc	ttcattgtaa	1740
ccaattagct	ttttcccat	tcttgttttt	cgagagtggg	cctcattctt	ttgtccaagc	1800
tgagtgcaat	catggctcac	tgcaatctcg	acttcctggg	ctcaagcaat	tctcctgcct	1860
cagcctcca	agtagctggg	actacaggct	tgaccaccat	gcccggctaa	tttttgatta	1920
tttgtagaga	caggatctca	gaattccacc	acgctgngta	gagagcaggc	aatcag	1976

<210> 4160

<211> 403

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(393)

<223> similar to gi758593 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4160

tgaattcccc	cgtctccctg	accccaatgt	ggtcttcccc	ccaaccccaa	ggcgctggaa	60
cactcagcag	gactctacct	tggagagacc	caagactctg	gagtttctgc	ctcgccgcg	120
tccttctgcc	aaccggcaac	ggctggaccc	ttggtggttt	gtgtcccca	gccatgcccg	180
cagcacctcc	ccagccaaca	gctccagcac	agagacgcc	agcaacctgg	actcctgctt	240
tgctagcagt	agcagcactg	tagaggagcg	gcctggactt	ccagccctgc	tcccgttcca	300
ggcagggccg	ctgccccga	ctgagcggac	gctcctggac	ctggatgcag	aggggcagag	360
tcaggacagc	accgtgccgc	tgtgcagagc	ggaactgaac	aca		403

<210> 4161

<211> 1209

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (61)...(244)

<223> similar to gi30009 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4161
attaggcctg ctgttttagtg taataaaaaac ataggccttta aacactgtaa actgtaaaat    60
aaatcctttca gggatgttaa attagaagac acctacttttg atagagatgt ggagaaggca    120
tttatgaagg ctagctctga actcttcagt cagaaaacaa aggcattcttt acttgatatca    180
aatcaaaatg gaaatatgta cacatcttca gtatatggtt cccttgcatc tgttctagca    240
cagtaagtat aaatttcacc tactacttaa ctccccttat ttgggagatg ttagatttct    300
aagaccaaat ctagtgtcaa gcatgttggt ggtagatcac agaaaatttt atcttgaggc    360
tctctaactc gctattgtcc attgacttga aagatgtatg ggttgaggct acagtctctc    420
cagaagtatt tgtaatttc atactggctt tcctggcttc tgttttcatg gttttttaat    480
tcttgaccta cagttgaacc ataaatacct ggttgatgaa gtaacttggt ttgtggcatg    540
actttcaca gctctgtcat tccccacaag atgaaaactc acatgctgca atattaaaac    600
taagttatat tccctactgc aatattaaca ctttgagtta gatccttaaa actttaagtt    660
agattctact ttactttata gcctaaattt tattgttaca ccctacatag gtactcacct    720
tgtagctttg gatcagttaa acttctgaac tattgttaca ccctacatag gtactcacct    780
cagcaattag cagggaagag aattggagtg ttttcttatg gttctggttt ggctgccact    840
ctgtactctc ttaaagtcac acaagatgct acaccgggta agtgctgaat ctttcaacaa    900
gaatgtattg agaactgagt ccaggcacag tggctcacac ccgtaatccc agcagtttgg    960
gagggccgagg cgggcagatc acctgaggtc aggagtctga gaccagtctg gctaacatgg   1020
ctgaaacccc atctctacta aaaatacaaaa aattagccag gtgaggtggt gcatgcctgt   1080
agtcctagct acttgggagg ctgaagtagg agaatacatt gaatccagga gagggagggt   1140
gtggtgagcc aagatcacac cactgtgctc cagcctgggt gacagagcga gactctgtca   1200
aaaaaaaaa                                     1209

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```

<210> 4162
<211> 718
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(525)
<223> similar to gi3875032 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4162
caggattcgt gtatttaact attattatatt ggcctcacat caccagactg atgcttatag    60
ccttcttttc agtggcatgc tattttgccg tttgacacct cctttatgtc ttaatttctt    120
gggtttgacc catatggatt catctatctc tcacaagaat actcaaccaa ctgcttatac    180
atctattatg ggttccatga aagttttatc ctttattgca gatggattct atatatatta    240
tcctatgttg gtggtaatc tctgcattgc tacttatttt agtttgggaa cccgttgttt    300
gaatctgctc ggtttccagc agtttatggg agatgatgat atgacatcag acttagttaa    360
tgaaggaaaa gaattaatca gaaaagagaa gagaaaaagg caaaggcaag aagaagggtga    420
aaatcgaaga agagaatgga aagaacgtta tggacacaat agagaagatt ccactaggaa    480
cagaaatatt catactgacc ccaaagagtc aaacttctca gatgttaata ccaaccgttc    540
tgcatcctaa tataccaggg ctaataacag gactgaaaagg gaccggatag aacttctcca    600
agatgcagaa cctttggatt ttaatgcaga aacattcact gatgatcctc ttgaatctga    660
atcaggaagg tatcagcctg gtggacgata tctctcgatg tctcgcagtg acatattt    718

```

<210> 4163
 <211> 1382
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1383)...(694)
 <223> similar to gi5305403 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4163

aagattgagg	cccaatttaa	ccccttttta	caaactgtgt	ccttgggcag	atTTTTTgt	60
ttcatagggg	gaaagcccct	gttccctcca	gcccccggg	gtaaggggcc	cgccagttgt	120
taccccccca	aaaaattaaa	aaaccttttg	tttttttttc	aagggttttc	tttttccaaa	180
gtatcccctt	taaataagaa	gcctttgagg	gtccaaggat	ccaacggggt	tttttttttt	240
tttctcagct	tgaaaagagg	ctggaaatgg	gatgcagggt	aggttcaaag	cttaaccttt	300
gtaacaactg	gacacaaggt	tcctcagaat	tgtcaaaagt	ctcttgtgac	acatcctaca	360
accttttctc	aataaacaac	aatatatgaa	ataattacca	aaacatctcc	taattcatat	420
aattttacatg	atataagctt	gcttgataac	agctgggtgt	cagtcgtgaa	aaaacacaca	480
aagtaaaatg	gttgctgact	acaatgtaca	gctattgctg	ggtgtgatgg	aatgtacaaa	540
cggaggtcga	tgtagacgag	ttttttccac	cagagatatt	gcctttccat	gcagcacttg	600
tgctctcagc	tttaacttgg	cttttggttc	ttcctttatc	ttcagtatct	gttctgatgc	660
tcataatgcc	accgattaaa	atctatatta	aaagctacaa	tgctaccaga	agccatgcca	720
gtgatcagag	tcctctgggc	atgggacaag	tccattgctc	taatgccagc	atcacatcca	780
gggtaaatgt	acagttgctt	gaagtcacag	gcctgccaga	cctctactac	cccattgtcc	840
cctccggtga	ccaggttctg	gccgtcactg	ctcaggagaa	tggcccgtgt	tgaatcattg	900
atctccattt	gagccaaaag	tttcccatTA	atgctgaaat	tactgaatcg	ccctcgttca	960
tagtatatga	tacagtggcc	ttcgctggag	acagatatca	agcgtgggaa	taagcagttt	1020
tctggtcctt	caagggtctt	cagcaaatct	ccagtgatgg	tgtggacaag	gcaaggggccc	1080
tctttagcac	cactgataac	aagcccaagt	tctgcacaga	cagaaacaca	gacaacttca	1140
tggtcatggc	ctgtgaggac	ggctcttggt	gccggatagt	cactgctgtt	agggttgtct	1200
cctatgatat	ggtgccgccc	actccagtac	cagagcagca	gggtggcatc	tcgagatccg	1260
gacacgatgt	agcagtcccc	accaatgtat	gactcggacc	tggccaagca	agtgaccaca	1320
tcccaatggc	caaatacaat	ctgagtcaat	ttccctgttt	ctgtagaata	aactctgaag	1380
ct						1382

<210> 4164
 <211> 778
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(671)
 <223> similar to gil77872 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<223> similar to gi4490304 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4166

```

tttttttttt ttgggctaga ggtttgggct ttaatggcag ctggggtaaa aggaaacaaa      60
aacagtaatt ctgaagagca cagggaacag gcagccagga ccagcctggc ccattccagg      120
ccagctgagc tgaaatgctg attctgtcca gggggctgct gtatgtgtag actgggtggca      180
gtcttgggga ctgaggcctc ttggagagaa gggaagactg tcggctcaga agtccatgga      240
gctgtgggcc aggtagtcct tgcgaccgat gttgctgacc tgcttggtct gcatagcctc      300
gagtttgggg cagtcagtga tccgatgacc caggcccccg cagaaggcac agccgcgctc      360
tcctccaatg tccagcatgg actcatcccc gcaatgcagc acctgcagca cgggcggcac      420
cttctgcttg gcttctagca gcagcgcttt gaggtccatc agcactgact catcacacgc      480
tttgttgatg aaggtagtgg cgatgcctgt gtttcccagc cgcccgggtg ggccaatccg      540
gtgtacatag ttctcaatct cctctggcat gtcataattg atgacgtgct ggatggcagg      600
gaagtccagg cccttggagg caacgtctgt ggctactagg acatccttct tgccctcccg      660
gaatgcctcg atggccttag tccgttcctc ctggtctttg ccccatgga tggctacggc      720
ctcaaccccc ttgagcagca ggtactcgtg gatggcgtcc acgtctgcct tcttctctgc      780
aaagatgagt acaggcgggg gtgtcttctg caggcactcg agcaggtaca ccatcttggc      840
ctcctccttc acatattcta cctcctggat gacatccagg ctggcagccc cagcgcgccc      900
cacattgatg gtcacaggct ttacaagggc actcttagca aagttctgaa tcttcttcgg      960
catggtggca ctgaagagca gggctctgtc ctggcccttg aagtaggaga agatggtacg     1020
gatgtcacc cgaagccca tgtcgatcat gcggtcagcc tcgtccaggg ccaggtagcg     1080
acagatgtct aggtgacca tcttcttctg cagcaaattc atgaggcgcc ccggggtggc     1140
caccatcatg tgtacaccgt gtcggatggt ctccatctgc tctttcacgg acatgcccc     1200
aatgcagagg gcgcagcgca ggagtgggta gctgtcctcc tgcagcaggc ggcagtagta     1260
ctccaggatg ccattgggtct gccgggccag ctcccgcgag gggcagatga tgagtccata     1320
gggcccctcg cgctttgaga agggtaacct ctctcttgt tccaggcaga acatgatgac     1380
gggcaacgtg aacaccagtg tcttgccctga acccgtagaa gcgatgccta tcatgtcacg     1440
gccagataga atggtgggga tgccctggat ctgaatgggt gttgggtggg gaatgccttt     1500
cttcttcagg cctctcagga tggctgcagg aaacttcatt tccttgaagc tcttgatggg     1560
tggtgggata ccgtctccct ccaccaggat gtggtatttc ttccgcacgc gctcatgtcg     1620
ctcttcagac atgctcagaa cataacgggg tggagtccag ctgggttttg tggggtcac     1680
a

```

<210> 4167

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(376)

<223> similar to gi3800830 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4167

```

atcgagacca cccagcccag tgaggacacg aatgccaaac gtcaggacaa cagcatgcaa      60

```

cctgagacaa	gcagccagca	gcagctcctg	agccccacgc	tgtcggatcg	aggaggaagt	120
cggcaagatg	cagccgacgc	agggaaaccc	cagaggaaat	ttgggcagtg	gcgtctgccc	180
tcagccccaa	aaccaataag	ccattcagtg	tcctcagtc	acttacggtt	tggaggaagg	240
acaaccatga	aatctgtcgt	gtgcaaaatg	aaccccatga	ctgacgcggc	ttcctgcggt	300
tctgaagtta	agaagtgggtg	gacccggcag	ctgactgtgg	agagcgacga	aagtggggat	360
gaccttctgg	atatttaggt	ggatgtcaat	gtagatgaat	ttctagtgg	ggaaaccgtt	420
ttctaataat	gtccttgatt	gtccagtgag	caatctgtaa	ttgatctata	actgaattcc	480
agcttgtcac	aagatgttta	taaattgatt	ttcatcctgc	cacagaaaagg	cataagctgc	540
atgtatgatg	ggttactatc	aatcattgct	caaaaaaatt	tttgtataat	gacagtactg	600
ataatattag	aaatgatacc	g				621

```

<210> 4168
<211> 1282
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (215)...(846)
<223> similar to gi486509 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4168						
aggggacg	acgcggaaga	tgactcaggg	cccactttga	acctcctggg	tacttgagca	60
agctcaagg	tggtcggacc	tctagggaga	cggtgcatca	cgcagtttgg	aaagaacttg	120
ggaattctcc	ctggggggct	cgctgtat	actgggaact	agtcttgca	gaaggcttat	180
gtacagaagt	acgtcgtgaa	gaattatttc	tactattacc	tatcaatttt	cagctgcttt	240
gggccaagaa	gtgttctaca	tcacgtttct	tccattcact	cactggaata	ttgaccctta	300
tttatccaga	agattgatca	tcatatgggt	tttggtgatg	tatattggcc	aagtggccaa	360
ggatgtcttg	aagtggcccc	gtccctcctc	ccctccagtt	gtaaaactgg	aaaagagact	420
gatcgctgaa	tatggaatgc	catccaccca	cgccatggcg	gccactgcca	ttgccttcac	480
cctccttatc	tctactatgg	acagatacca	gtatccattt	gtgttgggac	tggatgatggc	540
cgtgggtgtt	tccaccttgg	tgtgtctcag	caggctctac	actgggatgc	atacggtcct	600
ggatgtgctg	ggtggcgctc	tgatcaccgc	actcctcatc	gtcctcacct	accctgcctg	660
gaccttcac	gactgcctgg	actcggccag	ccccctcttc	cccgtgtgtg	tcatagttgt	720
gccattcttc	ctgtgttaca	attaccctgt	ttctgattac	tacagcccaa	cccgggacgga	780
caccaccacc	attctggctg	ccggggctgg	agtgaccata	ggattctgga	tcaaccattt	840
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caccacctac	atgttagttt	tgggtctgac	caaatttgca	gtgggaattg	tgttgatcct	960
cttgggtcgt	cagcttgtac	aaaatctctc	actgcaagta	ttatactcat	ggttcaaggt	1020
ggtcaccagg	aacaaggagg	ccaggcggag	actggagatt	gaagtgcctt	acaagtttgt	1080
tacctacaca	tctgttggca	tcggcacaaa	ggttgtagcg	cagatgcca	cagatgtgta	1140
ggtaaccttt	gtgccgatgc	ttcacagggt	tctgggatta	ccctgagtct	caaacagttg	1200
gaaactagcc	cactggacat	gaaagccaag	acataggaaa	gttattggta	ggcaaatctt	1260
gacaacttat	ttttcttta	ca				1282

<210> 4169
 <211> 2207
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2208)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2)...(1612)
 <223> similar to gi5689453 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4169

cgaagcatct	gcacttttgt	atcttttggat	gagaaacagc	tttgagtata	ccaaaaggaa	60
accctttttg	aggacacatc	tacagataat	aattgctgta	agccaactga	tagctgatgt	120
agcactaagc	ggaggatcaa	gatttcagga	gtctttattc	attatcaata	attttgcaaa	180
tagtgacaga	cctatgaagg	caactgcctt	tcccgagaa	gtcaaagact	tgaccaagag	240
aatccgcact	gttcttatgg	ccactgcccc	aatgaaggag	catgagaaag	accctgaaat	300
gctaattgat	ctccagtata	gcttagccaa	gtcctatgca	agcaccaccag	agctcaggaa	360
aacctggcct	gatagcatgg	ccaagattca	tgtaaaaaat	ggagattttt	cagaggctgc	420
gatgtgttat	gtccatgtag	cagctctagt	tgcagagttt	cttcatcgaa	aaaaattatt	480
tcctaacgga	tgttcagcgt	tcaagaaaat	tactcccaat	atagatgaag	aaggagcaat	540
gaaagaagat	gctgggatga	tggatgtcca	ttatagtga	gaggtcttgc	tggagttgct	600
agaacaatgt	gtggatggct	tatggaaggc	agaacgttat	gaaataattt	ctgagatttc	660
caagttgatc	gttcccaatt	atgagaaacg	tcgtgagttt	gagaaactta	ctcaagttta	720
tagaactctt	catggagcct	acacaaaaat	tctggaagtt	atgcatacaa	aaaagagact	780
tttaggcact	ttcttcagag	ttgcctttta	tggccaatct	ttttttgaag	aagaagatgg	840
aaaggagtac	atctataaag	aaccaaagct	cactggcctc	tcagaaattt	ccttgagact	900
tgttaaactt	tatggtgaaa	agtttggtac	ggagaatgtc	aaaataattc	aggattcaga	960
caaggtaaat	gccaaagagc	ttgatccaaa	atatgctcat	atacaagtta	cttatgtgaa	1020
gccttacttt	gatgacaaag	aactcacaga	aaggaagacc	gagtttgaaa	gaaatcataa	1080
tatcagcaga	tttggttttg	aggcccctta	cactttatca	ggcaaaaaac	agggctgtat	1140
agaagaacag	tgcaaacgcc	gtacaatctt	gacaacttca	aactcgtttc	cttacgtgaa	1200
gaagaggatt	cctattaact	gtgaacagca	gattaattta	aaaccaattg	atggtgccac	1260
tgatgaaata	aaagataaaa	ctgcagagct	gcaaaagcct	tgctcctcta	ctgacgtgga	1320
catgattcag	ctccaactta	aattgcaggg	ctgtgtttct	gtgcagggtca	atgctgggtcc	1380
attagcatat	gcaagagcct	tcttaaatga	cagccaagct	agcaagtatc	cacctaaaga	1440
agtgagttag	ttgaaagaca	tgtttaggaa	atttatacaa	gcatgcagca	ttgcacttga	1500
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cacaatgcat	tctccctgga	tgagcaacac	attacatgta	ttttgtgcaa	ttagtggtag	1680
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aaagatttga	tatacatgga	gtgtttcttc	tcgacaccaa	aattttcatg	tgttccaaca	1860
gggtgcttac	atatttgtaa	ataagcaact	tgaaagtgcc	tggaaaattg	caccactgtg	1920
cttggtttgt	acttttttag	gtaaatctat	atgctgaaaa	gtagagctca	aaaacagtag	1980
ttcaatttgc	ttaattattg	cttaaaataa	tgggtactatg	taaaattgta	taatggaata	2040
caataaaaagg	taaaacttat	ttgtaattag	aagtgaagaa	aataatactt	tgaacttagc	2100
atttttcttg	acaagaagct	caattcatta	tcatactaata	ccttggttagg	aggagaggaa	2160
aattgataac	atttccgtaa	tacacggata	tttaaaattg	gngagat		2207

00463735.04100

<210> 4170
 <211> 1707
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(1197)
 <223> similar to gi2852640 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4170

ccgggaacgg	gcggtgggga	gcgggcggag	ctggccctgc	ctctgcctgg	ccggcgccgc	60
agtcggcgcg	ggccgcgccc	gccgcgccca	actgccctga	gcgcttgctg	aggccgaggg	120
agacgtcggg	gcctgcacct	ggagggagcc	tgccgcgctg	gccccgagga	gggggcgttg	180
ccatggcgac	agcctctccc	gctgctgacg	gggggcgggg	gcggccctgg	gaaggagggc	240
tggctcctg	gcccccgcc	cctcccctta	ctctcccctg	gacttggaatg	ggcccgagtt	300
gggggcaaca	ccccgggcat	tggggctttc	cagctctcac	agaaccttca	gcatccccag	360
ctgccggtct	tggcatcttc	gaagtaagga	gagttttaga	tgcttctgga	tgttcaatgc	420
tagcaccttt	acagactgga	gcagctcgat	tttcttcgta	tttactttca	agagcaagaa	480
aagtgtctgg	ctcccactta	ttttctccct	gtggtgttcc	ggagttctgc	tccatatcca	540
ccagaaagct	ggcggcccac	ggctttggcg	catccatggc	ggcaatggtg	tccttccctc	600
cccagaggta	tcactacttt	ttagtgctgg	actttgaggc	cacgtgcgac	aagccacaga	660
ttcatcctca	ggaaatcatc	gagttcccca	tcctaaagct	aaatggccgg	accatggaga	720
ttgagtctac	ctttcacatg	tatgtccagc	ctgtagtcca	tccacagctt	acccattct	780
gtacagagct	caccgggatt	attcaagcca	tgggtggatg	tcagccaagc	ctgcagcaag	840
tgctggagag	ggtcgatgaa	tggatggcga	aggaaggcct	cttagatcca	aacgtcaagt	900
caatttttgt	cacctgtgga	gactgggact	taaaagtcac	gctcccaggc	cagtgccagt	960
acttgggctt	gccagtggcg	gattacttca	agcagtggat	taatctgaaa	aaggcttaca	1020
gcttcgccat	gggctgctgg	cccaagaatg	gacttctaga	catgaacaag	ggcctcagcc	1080
tgcaacacat	aggccggccc	cacagcggca	ttgacgactg	caagaacatt	gccaacatca	1140
tgaagacact	cgcctatcga	ggcttcatct	tcaagcagac	atcgaagccg	ttctgattgg	1200
ccgaggacag	gatggggcag	gacagggtag	ctgtttggcc	cagcccagaa	tcctcctctc	1260
cctcaccaga	ggggaagagg	gagagtggca	tagctctgtg	tccagagtgt	ccccaaagcc	1320
ttccctgtgg	ggtcatgcc	ccttggccgt	gggctttgtt	gccctttgca	aggggctttg	1380
gccacttggc	cctttctgga	agcaagacac	ttttgtgccc	ccccatcccc	caccctcaa	1440
tctcagccca	gtatcagccc	ctcccattgc	gggcctgggc	taagggggac	cccaggcact	1500
caccgcctcc	tcccctggta	caacaggctt	ctgtggggcc	accaagaccc	tcgctgtgcc	1560
ccctcccatc	cataagtgca	tgggtgtgtg	tcgccccagg	gctccaggac	agatcaggcc	1620
ccaccttgtg	tctaccccca	tccccgctgt	gaacgtgcca	ctgaataaag	tcggggaaac	1680
gaggcactgg	gtgtgtgtgc	aaagcca				1707

<210> 4171
 <211> 351
 <212> DNA

00000000000000000000000000000000

```
<223> similar to gi3875142 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

agcagcgcga	ggtgctgcgg	cgctgcgtat	aagtatcaat	cagccgggttg	cttttgtgag	60
aagggttcct	tggactgcgg	cgtcgagtca	gctgaaagaa	cactttgcac	agttcggcca	120
tgtagaagg	tgcattttac	cttttgacaa	ggagactggc	tttcacagag	gtttgggttg	180
ggttcagttt	tgttcacaag	aaggacttcg	gaatgcacta	caacaggaaa	atcatattat	240
agatggagta	aaggtccagg	ttcacactac	aaggcccata	cttcgcgaaa	catctgacga	300
tgagaagaaa	gattcttgag	actgcagcct	attaataaag	ttatatacct	g	351

<223> similar to gil438971 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

taacgatcgc	ttctctgctt	gtactttcac	cttgaaactc	aaggaagcag	ctgttagaca	60
gcgtgaagcc	ctaaagaagc	ttaccaagaa	tatagccact	gactcatata	tcagtgttaa	120
cttgagagat	gtctatgcc	ggagtatcat	ggagatgctg	cgactgaaag	gcagagaaag	180
agcaagtact	aggagcagcg	ggggagatga	tttctggttt	tgaattaatt	ttcaatttat	240
ttacaaaagc	tatgtacaat	taactaaaat	gataaagcag	tgatgtggat	ttctgtattc	300
tgatgatgag	tctcttcaga	gtactgctca	tcttaattaa	tttttgctga	tatattgctt	360
catctactag	aatatttcac	atcacctata	acaactgcac	agtgttctga	cacatttgag	420
tgtccaaaat	agccaattaa	cacaaccaa	tacaactggg	catgtatt		468

2888

<221> misc_feature
 <222> (6)...(449)
 <223> similar to gil332522 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4173
 aactagtaga atatgatatg cttcgggaga tgttcagtga ttctagaagt aacaatgatg 60
 atgatgagga tgaggatgat gaagatgagg atgaggatga ggatgaggat gaagatgaag 120
 acaaagaaga ggaggaggaa gattgttctg aagagtatct ggaaaggcag ctgcaggccg 180
 agtttattga atctggccag tatagggcaa atgaaggtag cagttcaata gtcattggaaa 240
 ttcagaagca gattgagaaa aaggagaaaa agctccataa gattcagaat aaagcacaaa 300
 gacagaagga tctcatcatg aaagtggaaa acctgacact caagaatcat tttcagtctg 360
 tgctggagca gcttgagtta caggaaaaaac aaaaaaatga gaagctcatt tccctacagg 420
 aacagttgca gcgttttctg aagaagttag gagagccatt ggcgtggccc acaaaccttg 480
 gattcaccat ccagactgca gattggatga aactgtgcac gtttttgtcc cttcagttgc 540
 cttatgttga atcagttata tttatctgta ccttctttgc tacttaaaat atgctcacag 600
 tttgtagtca tgtagaaaag gccagtataa aaatgtagta gacttaaaga cccactcga 660
 ccatgagact ttctctttgt caatttggga attattatta ttaatttaga aatggggtct 720
 tgttatgttg cccaggctga attcagactc ctgggcttaa gggatccttc cgcctcagcc 780
 tc 782

<210> 4174
 <211> 318
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(319)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (318)...(121)
 <223> similar to gi344422 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4174
 gttttttatt aggcggaatc cagaggctca aggccttca taatatcccc cagtttagta 60
 gttggactta gggaaacaaag gaacctttta tagaaattgg acagcatgaa agcgagctta 120
 gtgatacttg tgggccaggg cattagccac accagccacc actttctgat aggcagcctg 180
 cactggtggg gtgaattctt tgccaaagtg atgggccagc acacagacca tcacgttgcc 240
 caggagcctg aagttctcag gatccacgtg cagcttgtca cagtgcagct tactcagtg 300
 ggcaaagggtg cccttgan 318

<210> 4175
 <211> 602
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (22)...(456)
 <223> similar to gi3341863 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4175
 cccacccac acctgctgcc caccaccccg gcagcacctt tccctgcca ggcttcagag 60
 tgccctgttg ctgctgccac tgcccccac actccagggc catgtcagag ctcccatcta 120
 ccctccacca gcatgccgct cctgaagatg cccccacat tctcggggtg cagccacccc 180
 tgcagcgggc actgtggtgg gcaactgcagt gggcctctcc tcccacccc gagctctcag 240
 ccactcccta gcaactcacag ggatcccggg tgcaaggggc acaagtttgc acacagtggc 300
 ctggcttgcc agctgccccca gccctgcgag gcatatgagg ggctgggtga ggaagaggat 360
 agcagctctg agcgaagctc ctgcacctca tcctccaccc accagagaga tgggaagtgc 420
 tgtgactgct gctactgtga gttcttcggc cacaatgcgg caaaaggaaa ggaaatggca 480
 cagagaaagc tatgattctg atgagtatgt atacgtgtgt aatccacag aagtgaacgc 540
 ttgtgagtga tgaaggcaga gtggaagcaa aaaggctctc agtcccccaa gtgtgacagc 600
 cg 602

<210> 4176
 <211> 219
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (205)...(73)
 <223> similar to gi4140696 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4176
 gacttttata gtccctggagg cgatctgtga tatgtgtag tgggacttga ggataaaggt 60
 atacactcag tactgtcgaa gctgacgtga ttgtttatgc acagcattca caaaggcgcc 120
 cacatgttct ggggtctatgt gaggataaag gccatgggtcc atgtttggcta tgtatcgatg 180
 tgggccatag tccatcagca tgtgtgtcga cacgaacgt 219

<210> 4177
 <211> 334
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (336)...(134)
 <223> similar to gi344422 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4177
 ctgagaatag aggttttga ttacgcataa tccacatgct caaggccctt cataatatcc 60
 cccagtttaa tatgtggact tatggaacaa aggaaccttt actagaaatt ggacagcacg 120
 aaagctatct taatgatact tgagggccag ggcattaacc acaccagcca ccactttctg 180
 ataggcagtc tgcactggtg gggatgaattc tttgccaaag cgaagggcca gcacacagac 240
 cagcacgttg cccaggagcc tgactttctc aggatccacg tgcagcttgt cacagtgcag 300
 ctcaactcagt gtggcaaagg tgcccttgaa gctg 334

<210> 4178
 <211> 2736
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (117)...(1029)
 <223> similar to gi4589624 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4178
 acaagcctgt gagcaagcac aagcgggatg agttggtgag agccattgaa tcacccttgt 60
 agaccctgaa ctatcctgca gagaacagct tcaatcaccg tccttacacg gcttgtgatt 120
 tcatagaagg gatctaccga acagaaaggg acaaaggac attgtatgag ctacacctca 180
 aaggggacca caaacatgaa ttcaaacggc tcatcttatt tcgaccattc ggccccatca 240
 tgaaagtgaa aaatgaaaag ctcaacatgg ccaacacgct tatcaatggt atcgtgcctc 300
 tagcaaaaag ggtggacaag ttccggcagt tcatgcagaa tttcaggag atgtgcattg 360
 agcaggatgg gagagtccat ctactgttg tttactttgg gaaagaagaa ataaatgaag 420
 tcaaaggaat acttgaaaac acttccaaag ctgccaaact caggaacttt accttcatcc 480
 agctgaatgg agaattttct cggggaaagg gacttgatgt tggagcccgc ttctggaagg 540
 gaagcaacgt ccttctcttt ttctgtgatg tggacatcta cttcacatct gaattcctca 600
 atacgtgtag gctgaataca cagccaggga agaaggtatt ttatccagtt cttttcagtc 660
 agtacaatcc tggcataata tacggccacc atgatgcagt ccctcccttg gaacagcagc 720
 tggtcataaa gaaggaaact ggattttgga gagactttgg atttgggatg acgtgtcagt 780
 atcggtcaga cttcatcaat ataggtgggt ttgatctgga catcaaaggc tggggcggag 840
 aggatgtgca cctttatcgc aagtatctcc acagcaacct catagtggta cggacgcctg 900
 tgcgaggact cttccacctc tggcatgaga agcgtgcat ggacgagctg acccccagagc 960

```

agtacaagat gtgcatgcag tccaaggcca tgaacgaggc atccacggc cagctgggca 1020
tgctgggtgtt caggcacgag atagaggctc accttcgcaa acagaaacag aagacaagta 1080
gcaaaaaaac atgaactccc agagaaggat tgtgggagac actttttctt tccttttgca 1140
attactgaaa gtggctgcaa cagagaaaag acttccataa aggacgacaa aagaattgga 1200
ctgatgggtc agagatgaga aagcctccga tttctctctg ttgggctttt tacaacagaa 1260
atcaaaatct ccgcttttgc tgcaaaagta acccagttgc accctgtgaa gtgtctgaca 1320
aaggcagaat gcttgtgaga ttataagcct aatgggtgtg aggtctttga tgggtgtttac 1380
aatacactga gacctgttgt tttgtgtgct cattgaaata ttcatgattt aagagcagtt 1440
ttgtaaaaaa ttcattagca tgaaaggcaa gcatatttct cctcatatga atgagcctat 1500
cagcagggtc ctagtctcta ggaatgctaa aatatcagaa ggcaggagag gagataggct 1560
tattatgata ctagttagta cattaagtaa aataaaatgg accagaaaag aaaagaaacc 1620
ataaatatcg tgtcataatt tccccaaagt taaccaaaaa taatctgctt atcttttttg 1680
ttgtcctttt aactgtctcc gtttttttct tttatttaaa aatgcacttt ttttcccttg 1740
tgagttatag tctgcttatt taattaccac tttgcaagcc ttacaagaga gcacaagttg 1800
gcctacattt ttatatattt taagaagata ctttgagatg cattatgaga actttcagtt 1860
caaagcatca aattgatgcc atatccaagg acatgccaaa tgctgattct gtcaggcact 1920
gaatgtcagg cattgagaca tagggaagga atggtttgta ctaatacaga cgtacagata 1980
ctttctctga agagtatttt cgaagaggag caactgaaca ctggaggaaa agaaaatgac 2040
actttctgct ttacagaaaa ggaaactcat tcagactggg gatatcgtga tgtacctaaa 2100
agtcagaaac cacattttct cctcagaagt agggaccgct ttcttacctg tttaaataaa 2160
ccaaagtata ccgtgtgaac caaacaatct cttttcaaaa cagggtgctc ctctggcctt 2220
ctggcttcca taagaagaaa tggagaaaaa tatatatata tatatatata ttgtgaaaga 2280
tcaatccatc tgccagaatc tagtgggatg gaagtttttg ctacatgtta tccaccccag 2340
gccagggtgga agtaactgaa ttatttttta aattaagcag ttctactcga tcaccaagat 2400
gcttctgaaa attgcatttt attaccattt caaactattt tttaaaaata aatacagtta 2460
acatagagtg gtttcttcat tcatgtgaaa attattagcc agcaccagat gcatgagcta 2520
attatctctt tgagtccttg cttctgtttg ctcacagtaa actcattgtt taaaagcttc 2580
aagaacattc aagctgttggt tgtgttaaaa aatgcattgt attgatttgt actggtagtt 2640
tatgaaattt aattaaaaca caggccatga atggaaggtg gtattgcaca gctaataaaa 2700
tatgatttgt ggatatgaaa aaaaaaaaaa agggggg 2736

```

<210> 4179
 <211> 597
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(173)
 <223> similar to gi4826478 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 4179
ctccccaggt ccagcctccc ccagcccagt ctctttgagt aaccctgcac ggggtggacct 60
gggggctgcc acagcagagg gaggagcccc tgaggctatc agtgggggtcc ccactcccccc 120
agctatcccc cctcagcccc gccccaggag ccttgccctc gagaccaact gagtggctgg 180
tttctcccta agcagccctc agcaccctcc cctccccac ctggccctcc caggacagct 240
ctgccccccc acaaaggggc atgggcctcc agcctttgcc cacaagtgcc tcagtgccca 300
ctgggtcggc ccccatggcc aggagggtcc aggacaatcc tctatttctt gaccttttcc 360
tcgtccaccc tgggcttggg gaccccccca ccggactctc cactctccgg caggtcctag 420

```


Run with FASTXY 3.3t00, default parameters

<400> 4183
gcttttttatt aggcagaatc cagatgctca aggcccttca taatatcccc cagttttaata 60
gctggactta gggaacaaag gaacctttaa tagaaattgg acagcaagaa agcgagctta 120
ctgatacttg tgggccaggg cattatccac accagccacc actttctgat aggcagcctg 180
cactggtggg gtgaattctt tgccaaagag atgggccatc acacagacca tcacgttgcc 240
caggagcctg aagttctcag gatccacgtg cagcttgta cagtgcagct cactcaatgt 300
ggcaaaggtg cccttgaggt tgtccaggt 329

<210> 4184
<211> 602
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(603)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (163)...(417)
<223> similar to gi2827162 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4184
ttactcactt attttcttggt ttgaaagaat agtctgcagc tgttcttttt cttattatat 60
tttaattttt atatatccaa tttattagct ggtagtgaag gatgatgaag tttctggaat 120
cttggtttgt cttgtctgtc tgactaatcc ctgggggtggg gtttgatat ttacagctt 180
ttggatcttt tcatccagtg ggattggtca acctaccttg ctgactatgg tcagcccaac 240
tgcaagtacc tccgggtaaa ccagtgact gctctgaccc tgcttgagaa gatattctaga 300
gagatgaagg atactagccg caagaacaac atgtttgcac agtttcggaa aaatgagcga 360
gacaagcaga aactcattga ctccgtggcc aagcagctcc gaggactcat cagcagccac 420
cattcatgaa gggtgacccc ggacccacag aggggacctg ctgcagcctc tgtgtcagtc 480
tgggggtccag ccccgactga ccctgcattt gtgcattgtt cttcaaagag agcatatgnn 540
nnnnnnnnnn aaccctgcg cagtattcaa aaaacaaatc cctatagtaa aagagcacta 600
ct 602

<210> 4185
<211> 1030
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(1032)
 <223> similar to gi5305405 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4185

ctttactgtc	ttcatttctgg	gaataactat	tcgaccactg	gtggagtttc	ttgatgtcaa	60
gaggtccaat	aagaaacaac	aagctgtcag	tgaagaaatc	tattgtcggg	tgtttgatca	120
tgtgaagact	ggaattgaag	atgtttgtgg	acattggggg	cacaactttt	ggagagacaa	180
gtttaagaag	tttgatgata	aatatctgcg	gaagcttttg	attcgggaaa	accaacccaa	240
gtcaagtatt	gtatctttat	ataaaaagct	tgaaataaaa	catgccattg	agatggcaga	300
gactgggatg	ataagtactg	tccctacatt	tgcatctcta	aatgattgtc	gtgaagaaaa	360
aataaggaag	gtcacgtcca	gtgaaactga	tgaaattcga	gaactcttat	caagaaatct	420
ctatcaaadc	cgtcagcgaa	ctttatccta	caacagacac	agtctgacag	ccgacacaa	480
tgagagacaa	gccaaggaga	ttctgattcg	ccggcgacac	agtttgcgag	aaagcattag	540
gaaggacagc	agcttgaatc	gagaacacag	ggcttccact	tcaacctccc	gatatttatc	600
cttacctaata	aatacgaagc	ttccagaaaa	gctacaaaag	aggaggacta	tttctattgc	660
agatggcaat	agcagcgact	cagacgcaga	tgccgggacc	accgtgctca	atttgcagcc	720
cagagccagg	cgcttcttgc	cagaacagtt	ctccaagaaa	tccccccagt	cctataaaat	780
ggaatggaag	aatgaggtag	atgttgattc	tggccgagat	atgcccagca	cccccccaac	840
acccacagc	agagaaaagg	gcacccagac	gtcaggctta	ctacagcagc	cccttctctc	900
taaagaccag	tctggctcag	agagggaaga	cagtttgact	gaaggcatcc	cgcccaagcc	960
gccaccacgg	ctggtctgga	gggcatcgga	acctggaagc	cggaaagccc	gatttggggag	1020
tgagaagcct						1030

<210> 4186
 <211> 635
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (637)...(491)
 <223> similar to gi805296 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4186

tttttttttc	atcttataag	gaacattttat	ttggtaaact	atctcataga	aatagactct	60
aaaatcaaac	agtttcttaa	acaacagaga	gcataatccc	aatctctccc	catgaaaagc	120
ctacttcata	actgaagtac	ctaaagccca	tgaactgcat	tactagaaga	aaggagggaa	180
aaagacattt	actaaacttc	cacaggaaga	ctgtataaat	ctggaagtgg	ttaagtacac	240
atcagcctgt	atccaagaat	actactcagt	ctcaaaaatt	aactgaaaat	ctaaacttaa	300
tatggatacc	ttctttgttc	tttggttaagg	ctcagaaaat	taccatctat	ttaagtacgc	360
atggtactag	ttacatgtca	actgatataa	taaaaaagg	gaagtggaca	atcagtattt	420
caaaccat	acagggaat	cactagatgt	aaataagaac	ttttaaaagc	tattcttgag	480

ctccacttta	aaacaaacat	tcaggactgg	aatcttcaga	atcttcta	atcttgaata	540
tccccatctt	ctctttaatt	ggctctgaag	cattcatttg	atcaataaga	tcacttcgat	600
ctaacaacaa	ctctagatct	ttatcactaa	tgacc			635

<210> 4187

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (320)...(217)

<223> similar to gi560623 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4187

cttagagctg	ttactttcta	agtacgcaac	accctagaca	attcaaggca	tcttaatctc	60
catcaagaaa	aacaagaaaa	aataattttt	gtcacgctgt	taaatccatc	attatggatg	120
aaactgggtc	atattgggtc	aacggatcca	acaaacactg	atgtccaagc	tggcatattg	180
gcaactaata	cgtaactggg	gggtcaataga	gagtttaaaa	gatcttccct	ttcttcttgt	240
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<210> 4188

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(513)

<223> similar to gi295736 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4188

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gtgagttctt	tggttgctgc	tggggcccct	atgagctcta	gtgcaagtgt	acctaacctg	180
tctcaagag	aaacatctag	cttgagagag	tttgtaagga	gagtggcaaa	catagcacgg	240
actaatgcca	cgaacaacat	gaatctaagc	cgaagcagca	gtgataacaa	cactaatact	300
ttggggagga	atgtgatgag	cacagcaact	tctcctctta	tgggtgctca	gagtttccct	360
aatttgacca	cacctgggtac	tacatcaaca	gtgactatgt	caacatccag	tggttactagc	420
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ttaaccacca	gcctcacatc	aacttccagt	gagagtgaca	caggtcagga	agcagaatat	540
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tataaatatg	aaatcttcgg	gccaggcaca	gtagctcaca	cctgtaatcc	cagcactttg	720
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gtaaaacccc	atttctacca	aaaaaaaaa				809

<210> 4189
 <211> 1051
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1050)...(716)
 <223> similar to gi2440074 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 4189						
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accacttttc	taaatatatt	tccatacaaa	ataatttcaa	gatataatta	ttagtttctt	180
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<210> 4190
 <211> 675
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (535)...(292)

<223> similar to gi4567070 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4190

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<210> 4191

<211> 6227

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(2176)

<223> similar to gi2224587 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4191

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<210> 4192

<211> 376

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(241)

<223> similar to gi848985 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4192

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<210> 4193
 <211> 4670
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 <213> Homo sapiens

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 <221> misc_feature
 <222> (2)...(3400)
 <223> similar to gi2564322 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4193

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cagtcgggag	tacacacatt	ctgtaattca	caccatttcc	atcagcgagt	atcagagaga	2100
ttacactgga	gagcagctgt	atgaatgtcc	aaagtgtggg	gaatctttta	ttcatagctc	2160
attccttttc	gagcatcaga	gaatccatga	acaagaccag	ttgtattcca	tgaaggggtg	2220
tgatgatggt	tttattgccc	tcttgcccat	gaagccacgg	aggaatcgtg	ctgcagagag	2280


```

gaatcctgct cttgctgggt cggccattcg atgccttttg tgtggacaag gcttcattca 2340
tagctctgcc cttaatgagc atatgagact tcatagggaa gatgatttac tggagcagag 2400
ccagatggct gaggaagcta tcattccagg cttagccctc actgagtttc agagaagtca 2460
gaccgaagag agactctttg aatgtgcagt ctgtggagaa tctttcgtca acccagcaga 2520
acttgcaagt cacgtaactg ttcataagaa tgagccctat gagtacgggt cctcctatac 2580
tcacacctca tttcttactg agcccctcaa aggagctata ccattctatg aatgcaagga 2640
ttgtggtaag tcctttattc atagcacagt cctcactaaa cataaggagc ttcattctgga 2700
agaagaagaa gaagatgaag cagcagcagc tgcagcagca gcagcccagg aagttgaagc 2760
caatgtccat gttccacaag tagttctgag gattcagggc ttaaactgtg aggctgctga 2820
gccagaagtg gaggtgcccg agccagaagt ggaggtgctg gagccagaag tggaggctgc 2880
tgagccaaac ggagaggctg aagggccaga tggagaggct gcagagccca ttggagaggc 2940
tggacagcca aatggagagg ccgagcagcc aaatggggat gctgatgagc cagatggtgc 3000
aggatttgaa gaccagaag aaagagctga agagccagag ggaaaagctg aagagccaga 3060
gggagatgcc gacgagcctg acggtgtggg aattgaagac ccagaagaag gtgaagatca 3120
agagattcag gtagaagaac catactatga ctgccatgaa tgcaagaaa ccttcacttc 3180
cagcacagca ttcagtgaac acctgaaaac tcatgccagc atgatcatat ttgagcctgc 3240
aaatgccttt ggggagtgtc caggctacat cgaacgtgcc agcaccagca cagggtggtgc 3300
caatcaagct gatgagaagt acttcaaagt tgacgtctgt gggcagctct tcaatgacca 3360
cctgtccctc gccagacacc agaataccca cactggctga gggcatgggg taaaggtag 3420
aaaaccttca cctaggactt gacccttacc aaaccacaga gaatccaaac caatccatga 3480
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cagattgaaa agagaccgaa tgtgcagatt ccacagtctt aagctttccc cttcagatgt 3600
cagtgtctgc atgtgggaaa gccatagcac acatcttacc tttccaagta atcagattga 3660
gaaaacccta tgagtattcc agactacaga gtttgcccaa atcaactgta aatgacactt 3720
gtgtaacgta tatatagtgt ttcattgagg gtatataaaa tagcaaatta tgacagaaca 3780
gtgatcacat atatttggat ttatatgata tacagttaca gtttactctg cagaggtagc 3840
ttacctggta ttctttgaat tttttttttt tttggggggg gaaaagagca ccaaatttga 3900
ttatatTTTT aagggcctaa aatcctgaaa aaaattttatt gggcattatt tgaaccctgc 3960
caatatcttt ttgagaaatg gtttggtttc ttaccttaa aaagtcttgt gaagctgtag 4020
gcatgaaaaa aaacagggtc tttactcctt actgtttgaa aagataagta ctttagtttt 4080
tttttgagc catttcattc gcgccaacac tttggaacct aatactgtgt aaggctttac 4140
aatatacgga ttggcttttt gtgaccacga ttgattgggt gccacatggt atgtttgttg 4200
aagtggttct catgcaaaaa tattacacat ttgtgttctg ggtttttttt ttttttttta 4260
acccaactca atatgtgttt ggatgatagt gaattgataa aaccccgga gcttttcccc 4320
tgtaaactct accatctttt gcctttttaa gaatgggtta caaccatcac tagatcacag 4380
tagtgcttaa tgaagggtga gaaccgtagg agaggctctc atgctgtaaa taatgttgca 4440
ggctaataac ctttcattcac ttcctttgtg cgcttcctgc cttaagtga aagtagcaac 4500
atggcttggg tcccctgtgc agcatcagct tatgtgtcca caagtcagtt tgcaccctag 4560
gtgcccagga gctagtatcc ttagatcttt ctatcgctaa ctttaattctc ttcgttattt 4620
atcctgaccc ctcctaactc ccatgtccta acctgtcatt aaaaaaaaaa 4670

```

<210> 4194

<211> 600

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(156)

<223> similar to gi3128157 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4194
ggcacgagga agttcaaatt ggtccagaaa cagttatgac cactctttat actgccaaga    60
aatacgcagt cccagccttg gaagcacact gtgtagaatt tctcaccaaa catcttaggg    120
cagataatgc ctttatgtta cttactcagg taagtaaatg tagctaaggt atgtatcatt    180
gtagttttta aattgagtaa actatatatg ggcattttaat atttcctgga gaattctaga    240
ttataatfff aaagtatata aaatgatttt tataatacaa atcagggaaa catgtcagat    300
atctaagatt ttagaattga aaagtgtatt agaggccatg gatgggtggtt cacgcctgta    360
attccaagac tctggaatgc tgaagcgggt agatcacttg aggtcaggag ttcaagacca    420
gcctggccag catgaccccg tctctactaa aaatataaaa attagccggc tgtgggtggcg    480
cgggcttgta atcccagcta ctcaagaggc tgaggcagaa gaatcgcttg aattgggggtg    540
gcgggggcaga caccctggga gacagagcga gactccatca caaaaaaag catgttagag    600

```

```

<210> 4195
<211> 802
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (786)...(317)
<223> similar to gi289749 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4195
aatgtgcaac aggetatfff cttgaatgaa tggattcata ataagaacag gacttcacca    60
gcttccaagg gaccctcccc acctctcgga tatattctga agcctaaatt tcacctgctt    120
atcttaggat ccttaggccc aggccttctg ccacaccaag ccacaaccga agctcagcag    180
tactcacagg cctttaatct ataactgcct ggccacacca tcacttcccc aggatggtgg    240
ggaggggatga agatgtatag ccaggtaggc cacaccaact ctgagtccaa gaggggaagga    300
ctgggggtcag gctggggctt gggcagggga ctcccgcccc caggcgatga gggagttgct    360
ggcttgggca agctcggcga tggacacccg gccccgctgt cggatgaagt tggccacggc    420
ggccagttcc tctgggggta tgtagatgaa cttgccccgg tegtcaatca cacctgttat    480
agtccctca gccagcaggt cctggatgcg atttatggtg tcctgagtgc gtaggcccac    540
ctgggaagcc aggtcttcca agagcacaac cttggactgc ttgatgtagt tgatgaactc    600
tgtcaggaag ctctgggact gttcctcagt catggtctct cctacgcctt cctcctccac    660
cacaaaggcc tccttcagtt tcagggtact ctcatgctcc cgctgggcct gctcctcgcg    720
ggccttcctc tcctcctcct ccttctgctc ctctccagg cgaagccgct cctcctcctt    780
cttcctcctg gccgctcggt cc                                802

```

```

<210> 4196
<211> 750
<212> DNA
<213> Homo sapiens

```

0000000000000000000000000000000000

cttgtttttc	cctctaccag	attatggaga	gaattatgga	tctaccact	ttactgaggc	60
atgcattcag	ggaaatgttt	tcagtcgggg	gccttttctg	gatgtttcgc	atcaggataa	120
tactttgttt	aatgggagct	tttttctatc	ttatatcacc	tctagatttt	gtacctgaag	180
ccttgtttgg	aattctaggc	tttctagatg	atctctttgt	catcttttta	ttgcttatct	240
acatctctat	tatgtatcga	gaagtgataa	cccaaaggct	aactagatga	aaaagaaaac	300
aaaactgagt	ttactaggat	atctgagcta	atgtagaaca	tcaaacagaa	ggaccctatg	360
cagtataaag	caatgaagca	atggagttat	atctcacaaa	tataaaacca	ctataagaca	420
aacattttgat	tatcatttga	caaataccta	ggtataactg	gaatttttcat	gtttgaagtt	480
ctaataattaa	gtttagaatt	ataatgatct	acagtttgtat	cttgatttcta	tgttgtctgg	540
aaaaaataatg	gaattatata	aaaagggatg	cttttatata	tttttctttt	cccagaatt	600
acttagatta	attagatgta	tagtaaaata	ttgttaaattg	tcagttttatc	catcttatcc	660
ttctcagcag	gtacctatat	gataatatat	agctgtgaaa	ctcatctaaa	tatttttggt	720
ccaataaaaat	attatatact	aaaaaaaaaa				750

```
<220>
<221> misc_feature
<222> (9)...(433)
<223> similar to gi2811122 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

ggcacgagga	ggcctcgggg	ctgtccgtgt	ggatggggaa	gcagatggag	cccttgcacg	60
cagtgccecc	ggcagccatc	accttgatct	tgtccctgct	cgttgccgtg	ttactgagt	120
gcacaagcaa	cgtggccacc	accaccttgt	tctgcccat	ctttgcctcc	atgtctcgct	180
ccatcggcct	caatccgctg	tacatcatgc	tgccctgtac	cctgagtgcc	tcctttgcct	240
tcatgttgcc	tgtggccacc	cctccaaatg	ccatcgtgtt	cacctatggg	cacctcaagg	300
ttgctgacat	ggtgaaaaa	ggagtcataa	tgaacataat	tggagtcttc	tgtgtgtttt	360
tggctgtcaa	cacctgggga	cgggccatat	ttgacttgga	tcatttccct	gactgggcta	420
atgtgacaca	tattgagact	taggaagagc	cacaagacca	cacacacagc	ccttaccctc	480
ctcaggacta	ccgaaccttc	tggcacacct	tgtacagagt	tttggggttc	acaccccaaa	540
atgacccaac	gatgtccaca	caccaccaa	accagccaa	tgggccacct	cttcctccaa	600
gccagatgc	agagatggtc	atgggcagct	ggagggtagg	ctcagaaatg	aagggaacct	660
ctcagtgggc	tgctggaccc	atctttccca	agccttgcca	ttatctctgt	gagggaggcc	720
aggtagccga	gggatcagga	tgcaggctgc	tgtaccgcgt	ctgcctcaag	catccccacc	780
acagggctct	ggttttcact	cgcttcgtcc	tagatagttt	aaatgggaat	catatccctt	840

```

ggttgagagc taagacaacc acctaccagt gcccatgtcc cttccagctc accttgagca 900
gcctcagatc atctctgtca ctctggaagg gacaccccag ccagggaagg aatgcctggc 960
cttgagcaac ctcccactgc tggagtgcga gtgggaatca gagcctcctg aagcctctgg 1020
gaactcctcc tgtggccacc accaaaggat gaggaatctg agttgccaac ttcaggacga 1080
cacctggctt gccacccaca gtgcaccaca ggccaacctc cgcccttcat cacttggttc 1140
tgttttaatc gactggcccc ctgtcccacc tctccagtga gcctccttca actccttggt 1200
cccctgttgt ctgggtcaac atttgccgag acgccttggc tggcaccctc tgggggtcccc 1260
cttttctccc aggcagggtca tcttttctgg gagatgcttc ccctgccatc cccaaatagc 1320
taggatcaca ctccaagtat gggcagtgat ggcgctctgg ggaccacagt gggctatcta 1380
ggtcctccct cacctgaggc ccagagtga cacagctgtt aatttccact ggctatgcca 1440
cttcagagtc tttcatgcca gcgtttgagc tcctctgggt aaaatcttcc ctttggtgac 1500
tggccttcac agccatggct ggtgacaaca gaggatcggt gagattgagc agcgcttggc 1560
gatctctcag caaacaacct ctgcctgtgg gccaatctac ttgaagttac tcggacaaag 1620
accccaaagt ggggcaacaa ctccagagag gctgtgggaa tcttcagaac cccctgtaa 1680
gagacagaca tgagagacaa gcatcttctt tcccccgcaa gtccatttta tttccttctt 1740
gtgctgctct ggaagacagg cagtagcaaa gagatgagct cctggatggc attttccagg 1800
gcaggagaaa gtatgagagc ctccaggaaac cccatcaagg accgagtatg tgtctgggtc 1860
cttgggtggg acgattcctg accacactgt ccagctcttg ctctcattaa atgctctgtc 1920
tcccgcgga agctcc
1936

```

```

<210> 4198
<211> 1588
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(1498)
<223> similar to gi4191596 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4198
ggcacgagtc agaattaaaa gaagaaataa aagcattaga agatgccaga ataaaccttt 60
tgaaagagac agagcaactt gaaattaaag aagtccacat agagaagaat gatgctgaaa 120
cattgcagaa atgtcttatt ttatgctatg aactgttgaa gcagatgtcc atttcaacag 180
gcttaagtgc aaccatgaat ggaatcatcg aatctttgat tcttcctgga ataataagta 240
ttcatcctgt tgtaagaaac ctggctgttt tatgcttggg atgctgtgga ctacagaatc 300
aggattttgc aaggaaacac ttcgatttac tattgcaggc tttgcaaatt gatgatgtca 360
caataaaaaa aagtgtctta aaggcaatct ttgaccaact gatgacgttc gggattgaac 420
catttaaaac taaaaaaatc aaaacacttc attgtgaagg tacagaaata aacagtgatg 480
atgagcaaga atcaaaaagaa gttgaagaga ctgctacagc taagaatgtt ctgaaactcc 540
tttctgattt cttagatagt gaggtatctg aacttaggac tggagctgca gaaggactag 600
ccaagctgat gttctctggg cttttgggtca gcagcaggat tctttctcgt cttattttgt 660
tatggtacaa tcctgtgact gaagaggatg ttcaacttcg acattgccta ggcgtgttct 720
tccccgtgtt tgcttatgca agcaggacta atcaggaatg ctttgaagaa gcttttcttc 780
caaccctgca aacactggcc aatgcccctg catcttctcc tttagctgaa attgatatca 840
caaagtgtgc tgagttactt gtagatttga caagaccaag tggattaaat cctcaggcca 900
agacttccca agattatcag gccttaacag tacatgacaa tttggctatg aaaatttgca 960
atgagatctt aacaagtccg tgctcgccag aaattcgagt ctatacaaaa gccttgagtt 1020
ctttagaact cagtagccat cttgcaaaag atcttctggt tctattgaat gagattctgg 1080

```

```

agcaagtaaa agataggaca tgtctgagag ctttggagaa aatcaagatt cagttagaaa 1140
aaggaaataa agaatttggg gaccaagctg aagcagcaca ggatgccacc ttgactacaa 1200
ctactttcca aaatgaagat gaaaagaata aagaagtata tatgactcca ctcaggggtg 1260
taaaagcaac ccaagcatca aagtctactc agctaaagac taacagagga cagagaaaag 1320
tgacagtttc agctaggacg aacaggaggt gtcagactgc tgaagccgac tctgaaagtg 1380
atcatgaagt tccagaacca gaatcagaaa tgaagatgag actaccaaga cgagccaaaa 1440
ccgcagcact agaaaaaagt aaacttaacc ttgccaatt tctcaatgaa gatctaagtt 1500
aggaaagacg atggaggtgg aatcctttaa gattatgtcc agttatttgc ttaataaaag 1560
aagaagttac ccttgtcaaa atcagaac 1588

```

```

<210> 4199
<211> 2243
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(1406)
<223> similar to gi452404 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4199
ggcacgagac tagaggaaac tccaaataacc actactatgg gattcgtgtc aagccagatt 60
cccctcttaa tcgtctgcaa gaagacatgc agtatatggc tatgagacaa caacccatgc 120
aacagaaaca aaggtacaag cctatgcaga aagtggatgg ggttgacagat gggtttcacag 180
gaagtgggtca acagacaggc acatctgttg agcaaactgt aattgcccaa agccaacatc 240
atcaacagtt tttagatgca tctcgagcac ttccagagtt tggagaagtt gaaatctctt 300
ctctgccaga tgggtactacc tttgaggata tcaagtcaact gcagagtctt tatagagagc 360
actgtgaggc aatattggac gttgttgtga atcttcaatt tagcctgata gaaaaattgt 420
ggcaaacatt ctggcgctat tctccctcta ctccaaactga tggcactacc attaccgaat 480
cgagcaatct gagtgaata gaaagtcgac ttccgaaagc aaagctgata actctgtgca 540
aacatgagtc tatcctgaaa tggatgtgta actgtgacca tgggatgtac caggctttgg 600
tggagattct catccccgac gtccttagac ctattcctag tgccttgacc caagccattc 660
gaaattttgc aaaaagcctt gaagggttggc tttccaatgc catgaacaat attccacaga 720
gaatgataca aaccaagggt gccgctgtaa gtgcctttgc ccagactctg cgaagataca 780
cgtcgcttaa tcacctggcc caggcagctc gtgcagtgct tcataaact tcccaaataca 840
accagatgct tagtgacctc aaccgtgtcg actttgccaa tgtccaggag caggcttcct 900
gggtgtgcca gtgtgatgac aacatggttc agagactaga aacagacttc aagatgactc 960
ttcagcagca gagcacctcg gagcagtggt ctgctgtggt tgacaatgtg atgatgcaag 1020
cactgaaacc ctatgaagga agaccagtt ttccctaaagc cgccaggcag tttctgctaa 1080
aatggtcttt ctacagctca atggttattc gggacttaac ctacgcaggt gctgctagct 1140
ttggctcctt ccacctgac cgtctactct acgacgaata tatgttttac ttagtagaac 1200
atcgtgttgc tcaggcaaca ggagagactc ctatagcagt catgggagag gtaagagagg 1260
ctgaaagagc tgtgaccac tgggttatta aaaataagcc agaattacac ttcagtctaa 1320
atacattatt gattaaaacc atggttccta accaagtcag cctcagagcc aggagggact 1380
gtggagttat tgcaagagtt ccttaaatc ctctgttctt atgtgcttaa tcaaaagatt 1440
ctaaaattgt ggattatata atgtgaaagt tcatggaatg tgtctctata ttatacaggt 1500
acctatgtaa aagaaaaact tgagaaccac tgggaatatga aaaatatatt aagtgggaaa 1560
aagattgggtg ctcttgataa agcaaagggc taggaatata atggaaagga ttaaataatgt 1620
atthttaga ctctttcccg gtctccaaga acaaagtaaa tgattctatt ttagaaggat 1680

```

aaaaatggta	atgatgataa	ctaacatttt	ttggacactt	actatgtgcg	aggcacagtt	1740
ctatgttttt	tacatgtaat	aaagcactta	atgcaagtct	ttgagatacg	ttctacttta	1800
ttctgtttta	caataagcat	ccgaggttta	tgcagaaaagc	taaggcacag	aaagggttaaa	1860
tgattactca	gctaaaaaat	ggtagagatt	tttttttcaa	acacagtctg	attttcaaac	1920
ccatatgctt	ctaaccacta	atgatgtaag	ggggaaaatt	ctcttcttca	gaatttctga	1980
atagtcatca	aaatggctta	tcaaaaagct	taaactctga	atataaaca	gggctgggta	2040
atataatgag	gaatagatgc	aaatgctcag	atggttcagc	actggcttat	tttggttatat	2100
tgaatgcagg	aggcgggggt	agttttatacc	ttgtcgaatc	ataccagatt	attaaatgtg	2160
acaaattacc	caaggcggta	aaaaagacat	gttcactttt	aagctatgtg	tatgtgctta	2220
tataaataaa	aaagagtga	aac				2243

<210> 4200
 <211> 1883
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (858)...(415)
 <223> similar to gi458692 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4200	
tttttttttt	ttcttaaaac aaccagtttc ttttaattaga aagcaacaaa catgcaaatg 60
gcaagtgtag	aaattttattt gaaccaacat tttcactatg atgaaaatta ttcttcaaca 120
ttgatccaag	ctccacacatt tgaagggttag ggaaaatatt gcactttgca ttttctagca 180
ctcctcatac	acggcaaaaa gttttaaaaa cattctgcta gttttgtttt atacaatctc 240
ccaaattcat	gcacacaatc attccaaacc aatgttaggt tatcccaaaa aaagggaaaa 300
actccaaaaa	ccataacctt aaaattgcac taaagctctg taaagaaaaa aatataataa 360
atgtcttata	caaatttcag aacattttaag tgcttgccaa aaagagttta ttattcctca 420
tcctcatttt	cattctcttg accagagcct tctgatctgt caccctccaa ccggtcagct 480
cggatatgat	taagtgaagc caacatcctc aacatgaaag aggctggaac tgtaatgggtg 540
tttctagttt	cttcacagcat gagttcgttt cgagttataa cttcatcagc aagttttcgg 600
ttaaaaatcc	ttgactcttc taatgggtgac cagatcttta tgtcataatc tatgccagat 660
gaggctaaaa	ttgggtcaaa cggatgtggc tgcaggcagc ttaccacatg attatcagct 720
tccagaagca	tcaaagtctc agcagtgtgc cgatcccaga tgaaaatgtg gccacagtca 780
gaaccactca	ttacaaagtt agcaccaccag aaattggctt cttttatcat tgtcctggag 840
ttgcgatggc	ctttataaac catttttact agcggccttc taatgttcaa agtatccaat 900
tcttccattt	ctttcctttc ttttctccgt ctgaagaact cctgaatacg ggcaacagca 960
gagcgtctat	caccaggtcc tgctcgatac cttgcacctg ggatcaggac tgggtcatca 1020
tcactgtcat	ctgtgtcctg aagagcagag tccctgggtg atgtttcttc atgagctgaa 1080
ggcccagtg	cttctgtttg gaactgagc tcaggattgg tgttattttc attggtagca 1140
ctctcagtg	tagtctgatc tgaagtttct ggttcccttg ctttttcaga tgaagcagat 1200
tcttctggaa	ccccacaaga gcgatcaaga ttgaggtcat ttctttctcc tgagttggaa 1260
tccaatggct	tggctgtgaa cttatctgat tgtgttatat tgatatgggt ctcaactggg 1320
ttttctgcag	atactccttc ctgatatttt gtcacatcct ctgatgattc ttcaggagct 1380
tttgtttcac	tgtctccttc tgggtggttg actgagctct gtgggacgaa agattcctcc 1440
tgaccctcag	atttgcaatg gctcccaatt cctctagaac ttgatgctat actgctccat 1500
tcatctgtaa	agttcagttt tattgtgctt gtagttgttc cttctgtgct gtagtgcaaa 1560
cttaaaactg	gttcacctgt ccctgggttg gggctcagct tttcattatt gttatcctgt 1620

tgctcgtaa	gtgacatgga	tccgagctgt	ttgttaacca	cagaagaagg	agaatcagac	1680
tgatgatgtg	tgtgggtgtcc	agatgcctca	acagactgcc	tttgttcact	gtctggagaa	1740
gatagcaaag	gagtagaatg	agggctttct	gtgggagatg	atgtcgaatg	agcctgacct	1800
gacattgtag	aggatgtaca	aggctgaaga	aattgttcag	ctggagtatc	tacttccatt	1860
gcagtttcac	cctgtgccga	aat				1883

<210> 4201
 <211> 1308
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (10)...(610)
 <223> similar to gi5262557 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4201						
ggcacgagaa	agtcttttga	atgcaaagaa	tgtggaaaat	acttcagata	taactcatta	60
cttattcggc	atcagataat	tcacactgga	aagaaacat	ttaaattgtaa	agaatgtgga	120
aaagggttaa	gttcagacac	agccttgatt	cagcatcaga	gaatccacac	tggagaaaag	180
ccctatgaat	gtaaggagt	cggcaaggcc	ttcagtagca	gctctgtctt	cctccagcac	240
cagaggttcc	acactgggga	gaagctctat	gaatgtaacg	aatgttgga	aactttcagt	300
tgcagctcaa	gtttcactgt	ccatcagcga	atgcacactg	gggagaaacc	ttatgaatgt	360
aaagagtgtg	gaaaacgatt	aagctccaac	acagccttga	ctcagcatca	gcgaattcac	420
actggggaga	agccctttga	atgtaaggag	tgtgggaagg	cattcaatca	gaaaataacc	480
ctgattcagc	accagcgagt	tcacactggc	gagaaacctt	atgagtgtaa	agtgtgtggt	540
aaaaccttca	gctgggtgtg	aagattcatt	ctgcatcaga	aactacacac	tcagaagaca	600
cctgtccaag	catagggcta	tccatagtta	ggcccaactgt	gcctctcctt	ttttctcttt	660
attttcatgc	tttttatcag	tgtcctcgct	gtccttctctg	gttagacact	tggctttcat	720
catgaactct	tctttaagtt	ttttgaacct	gtttcccca	catgaagtct	ctttatgggt	780
agagaagacc	aaaaaacaaa	caaacaaact	tagaaacata	aaaggaaatg	taagtttcca	840
gatttaaagg	acatgctggg	tgcccagcag	gatggattca	agggaaacct	acattaagga	900
aaattgctgt	gaattatgaa	aacaccaagt	ttgaataaga	ggatcatgga	gaaaaaatga	960
gaccctaaaa	agtttctaga	gagagaaaac	aaaagatcag	aaatgaaagc	ggggccaggc	1020
gcggtggctc	gtgcctgtaa	tcccagcact	ttgggagggt	gaggcgggtg	gatcatgagg	1080
tcaggagttc	gagaccagcc	cgcccaatat	ggtgaaaccc	cgtctctcct	gaaaaaaaaa	1140
aacacaaaaa	ttaccagggc	atggggggcg	atgcctgtaa	tcccagctac	taaaaaggct	1200
gaggcaggaa	aatcacttga	atccctgagg	caaaggttgc	agtgagctga	aatcgcacca	1260
ctgcactcca	gcctggggcg	cagagtgtga	ctttgtctca	aaaacagt		1308

<210> 4202
 <211> 2232
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1956)...(1365)
 <223> similar to gi3643608 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4202

ggagtaagta	agtttttagtg	cagtgtgaaga	actataggaa	caaaccagac	cagtgaagtc	60
acacaaaccc	aaaattatta	aagtagtaaa	agtagacctt	agaaaaaata	aggcaggggc	120
atatcctgaa	tggaagtatt	cttgaatttt	catttactct	atttacataa	atatgcagtg	180
tgacactcaa	ctgatttcac	tccaccttca	aggcatgtat	tttggcctca	tactattact	240
acatttgagt	aaacatttaa	cctgattagt	tttaaagtag	caaaggacta	ccaataaaac	300
gaaagttatc	atacaaagt	ggaaggaagg	accactaaa	cccttgaata	taagcaaaga	360
ggtaggtggc	aaagcagcct	ttttagaact	ttaaaattat	gagtagatat	tttacattat	420
ttgaacaaag	aacatgttta	gtttcacact	taaggtttac	ttacttacag	attttcttca	480
atttacattg	aacaaaataa	tacagtatca	agtttagcct	gggtgagggg	acatgttttg	540
gcatcttttc	cctatagtag	tagttttggg	tcaaattaat	ttttgaaaaa	tagcttttgt	600
atggaacagt	ataaatgggc	ttatagttca	gatactgagc	aaatacacaa	tactactttt	660
tactaacagg	cacataaagg	aaatgacaac	tattcgtggg	ctcaaaaaac	tgcataat	720
aactaatttt	caaaattttac	aaatcagtat	ctcagagaag	ttaaagaaaa	tggaaaggaa	780
caaagccctt	ttagaataat	taatatacat	tgcccttgctt	ctttccaaaa	ggaacatgta	840
cttgtcaccc	tagcttttgt	tatttagagc	actggtacag	atacgctgtc	ccatacatca	900
ggatcaaatt	attagtttca	gtttcacatt	gtaggaattt	aagatttttt	ttttttttta	960
cacaggaaat	aatctcatca	tttccaaaga	tgtcttcatg	tcccatcaat	gacatgctac	1020
cagacatatc	agattccaca	ggataatggc	accaagctac	ccaagtagat	gtttctggta	1080
ttctagactg	cgtttcatgc	ttgtttccta	aagtatactt	aaaagtttca	aatacagttt	1140
cacttagaaa	ctgcaaccct	ccaagtaatg	ttatgtttac	ttaggtatta	atgttatgtt	1200
tacttaggta	tgtatcagag	gcaataattt	ccaaagcaga	tcttagaata	taaccaattt	1260
gttagataac	taactttatc	tctatcacat	ctgtttacaa	gcaaagtatt	actttgtctg	1320
gaactatttc	atcttcagtg	tctgggatcg	tgggcaacag	agcagatcgc	gttaagcccc	1380
aaaatttttg	aggtgacatg	tcttttttgg	tggccgtaaa	cttccatcca	atatggcttg	1440
cacagatctt	acactgggca	acagtccagg	catacccagg	aaaccagctg	tgttctgtag	1500
aaggccggcc	tatcagattc	aagttgcaag	ccttatacac	agtaagtgtc	tcatgcacat	1560
atccatgagg	attcacataa	gctgccatcg	gccacataa	ggataaactg	aatatttcat	1620
ttttggttgt	tatttctgtt	tcttgacatt	gtttacagca	aagggaagta	catttattca	1680
taatgtctaa	ttcacagcga	agtcgctgga	tagcactgcc	aattttaagg	agctgaattc	1740
tcaatacatc	atcaatagga	agacaagcag	ctactctgta	agaaaaatct	attggatttg	1800
aaggaagaga	atcatctttt	agattttcat	cccattcacg	tagctgtttc	ttgattctgt	1860
ccattaagggt	ctcagcatca	tataaggaat	acagccagcg	aggccatgaa	gttagatttg	1920
cacaatgaaa	ctttctcttc	tggatattct	gccaccattt	atatgaacat	tgggtcttctc	1980
ttgagacagg	ttttgaagga	aatatctggc	acttattgag	ggattctaat	tgaactgcag	2040
acatggttga	aggcaacaca	cattcgggaa	gaatttgcac	tttagcttgc	tggattccat	2100
ctgactgtgt	tcttagctca	aggactttga	acctttgtct	tccaattgct	ttcactttca	2160
ctatctcaat	tccaaaatcc	tgttcttctc	gataggcata	tatctctgct	gttgttccaa	2220
actgtgcttc	cc					2232

<210> 4203
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(126)
 <223> similar to gil089850 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4203
 ggcacgagct ggaaaaacaat tggcttcaac atgagaaagc tcctacagaa gaagggaanaa 60
 aagagctgct ggccctaagt aacgcgaacc cctcgctgct ggagcggcac tgtgcctacc 120
 tctaagccaa gatcactgaa tgagcggacg actgaggaca tatgctttaa gctcgaccca 180
 ttcccatagc gacgctcatc actctgcttg catgctcttc aaccctcagc tgtcggctct 240
 cgagctaccc cctcaatgtc atgcggcctc cttcccatcc gcccttcctc gccgctgctc 300
 agtactccgc gttaggagac cttcgctactt agcggcccgcc tccagagtac cgcc 354

<210> 4204
 <211> 1834
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1835)...(115)
 <223> similar to gi5081374 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4204
 tttttttttt ttaaaaaagg gtcctatgtg gaaatgagtg ggacaatgat aaaaataaac 60
 aaataattaa aattccaaat caaaacataa ctcttgcccc tgagatcccc agttaatcct 120
 ctaagaccac aatctccaca ttgtgaactt gatgctggtg ttcttccatc tcagccacaa 180
 ctttctcctc agtcctcagc tctgtctcca agatgactgc ttgtccctca gtatcttcag 240
 cttctgggtc cggggctgga tcaatctcaa tgatggtctg cccatcctct gaggtgcttt 300
 caacagcctg aattgccgag gttaggccgg actccatggc caccaattcc acagggctaa 360
 ccatggtggt catgttgccc agtggtactcc catcctgcat ggcagtagag ctacagcagc 420
 ccaagctaga tgaagggtgg atggtcactg tgtctggtga gctgctcttg gcagaggaga 480
 ccactgtggc atagcgggaag agctgagggc cagaaggcag tgtgtggaca gtcacaggac 540
 tggagccctg gctgaggggtg gccactggaa tattgcccac ggaaaatgac tgaccactg 600
 ggggtgatggt gatgggtgag atgactgtga actcaggctg ctggacagga ggagaagggc 660
 tcaagacagt ggtggaggct ggccgctgga gccggggcct ttttgaggc ttaggagtgc 720
 tcacaggcat cagtaccaca ttttgaactg tctgagattt cagcctgtga tcctggcctt 780
 gcttcttctg ctctccaaac tggcgttcca agtctgtcag agtatagaga aactgttctt 840
 ctccctgctc tacttggttc cttctgttgt ctaaaacctt cttgactgtg tccattaggc 900
 caaatgtgtg tgctacattg ttgagaacag cagcatctgt gacttggaag ggagcctgga 960
 tgagccgctg ctgaactccc ctgagtagct cctctatttc cttctgtata ttgcagacaa 1020
 cctcttccat cagccctaca tcagctattc ctttccagaa catcaaagtg tcctctgaaa 1080
 tttcctctga gtctttcttt acaccctcct ccgtggccat ggtgacagca gcggtgagag 1140
 ctgagttcca ttccagccct gcctcttcca tgctctcttc tgagatggca atctgcgtga 1200

tgctaccatc	agccgaagtg	ggtgtctgca	ccacacttgt	ctgctgtcct	ggcactggag	1260
ctcttgcact	gctgatcaga	agatcaaatt	tgggtgcttct	gcagggtattg	gagcaaaactt	1320
tgtcatgttg	gtaaaaatca	atctgtccgg	agtcacatcat	tttcctgagc	atgatccccc	1380
ccagacgaat	agctctcttc	cagtccttca	gagtggactt	gccagccaga	tgaacaaagt	1440
gcttggggct	gatcaactga	tcattgaact	tgacacactt	cacgtttatt	cctggacata	1500
caaacttctt	ccagaggagg	atggccttgc	tctccccaca	agttatgggg	taagcaattt	1560
ccatatactc	atttgcttct	atagtgcctg	tatcaatccc	ttcttcaatt	ttgtgtatcg	1620
tgtgagtttc	tactgctaca	actgccgtgt	tgttctccga	cccagcttca	taaatcctgt	1680
tgtaaaagtg	tccatcgata	aacaaacctt	gttgcacagg	ctgtaactgc	aaaatcactt	1740
gggttttagt	gtcttcagga	ttctccccctt	catttccttc	agtaggtacc	acaaccacat	1800
ccccactgg	gacactcact	tctgcattag	ccat			1834

<210> 4205

<211> 2294

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(1576)

<223> similar to gi3253159 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4205

acacacctac	cttccccctgg	aggctctgtaa	cattgtggca	ggacaaagat	gtattaaaaa	60
attaacggac	aatcagacct	caaccatgat	cagagcgact	gctagggtcgg	cgcccgatcg	120
gcaagaagag	attagcaaat	tgatgcgaag	tgcaagtttc	aacacagatc	catacgcccg	180
tgaatttgga	atcatggtca	aagacgagat	gacagacgtg	actgggcggg	tgctgcagcc	240
gccctccatc	ctctacgggg	gcaggaataa	agctattgcg	acccctgtcc	agggcgctctg	300
ggacatgcgg	aacaagcagt	tccacacggg	catcgagatc	aagggtgtggg	ccattgcgtg	360
cttcgcccc	cagcgccagt	gcacggaagt	ccatctgaag	tccttcacag	agcagctcag	420
aaagatctcg	agagacgccg	gcatgcccat	ccagggccag	ccgtgcttct	gcaaatacgc	480
gcagggggcg	gacagcggtg	agcccatggt	ccggcacctg	aagaacacgt	atgcgggcct	540
gcagctgggtg	gtggtcatcc	tgcccgga	gacgcccgtg	tacgcccagg	tcaagcgcg	600
gggagacacg	gtgctgggga	tggccacgca	gtgctgtcag	atgaagaacg	tgcaaggagc	660
cacgccacag	accctgtcca	acctctgcct	gaagatcaac	gtcaagctgg	gaggcggtgaa	720
caacatcctg	ctgccccagg	gcaggccgcc	ggtgttccag	cagcccgtca	tctttctggg	780
agcagacgtc	actcaccccc	ccgcccggga	tgggaagaag	ccctccattg	ccgcccgtgg	840
gggcagcatg	gacgcccacc	ccaatcgcta	ctgcccacc	gtgctgtgtc	agcagcaccg	900
gcaggagatc	atacaagacc	tggccgcat	ggtccgag	ctcctcatcc	agttctacaa	960
gtccacgcgc	ttcaagccca	cccgcacat	cttctaccgc	gacggtgtct	ctgaaggcca	1020
gttccagcag	gttctccacc	acgagttgct	ggccatccgt	gaggcctgta	tcaagtaga	1080
aaaagactac	cagcccggga	tcaccttcat	cgtggtgcag	aagaggcacc	acaccggct	1140
cttctgcact	gacaagaacg	agcgggttg	gaaaagtgg	aacattccag	caggcacgac	1200
tgtggacacg	aaaatcacc	acccaccga	gttgcacttc	tacctgtgta	gtcacgctgg	1260
catccagggg	acaagcaggc	cttcgacta	tcacgtcttc	tgggacgaca	atcgtttctc	1320
ctctgatgag	ctgcagatcc	taacctacca	gctgtgtcac	acctacgtgc	gctgcacacg	1380
ctccgtgtcc	atcccagcgc	cagcatacta	cgctcacctg	gtggccttcc	gggccaggta	1440
ccacctgggtg	gataaggaac	atgacagtgc	tgaaggaagc	catacctctg	ggcagagtaa	1500
cgggcgagac	caccaagcac	tggccaaggc	ggtccagggt	caccaagaca	ctctgcgcac	1560

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catgtacttt gcttgacatg ttttagtggt tagcgattgt gtaccgagtg ggattcacga 1620
gaccagctac actcagacca acagatggcc agcccttccg tgacagccag catcgaacat 1680
gagacgtcat tgattttatt agattctccg ttttccagaa tgccttccgt cccagatttc 1740
aaacttggat tttgaactgc agacctgtat gagaacccaa tgtcatagga aatatgggtt 1800
gctaaaatct ataagctgct tattaaaaca gagtcccgtg tgcctaaaaa atctcctaaa 1860
accagtctat gaactcaggg ctttaaaaaca tttttaattt atttggtcat tcaatttact 1920
tgtttttaat acatgattct ctatgaaatt gatgggctca aactagctgt gaatcttctg 1980
agagtgaag caacacaaaa cacaagtgtg gttttaaaagc cttgaacatt ctgatgttgt 2040
cactaaagtt gatttccagg cgatgctcgt gtgcccctgg cgtggctcac ccaagttcct 2100
cgactgaggg ccggtggcca tgcagaggcg tccgcaggtg ccgtgttctg ccagcaccgc 2160
ccttcacccg gcctgaacta aggagcagtg gcagaaggtg ggccccgtgt gtttacagca 2220
ttccagggtc cagagagggt ggcagacaag tgccatttta ataaaaaatg tatttaaaaa 2280
aaaaaaaaag gggg 2294

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<210> 4206
<211> 950
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (947)...(898)
<223> similar to gi3157938 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 4206
gatcacagcc cctaccacag tgccctctcca gtacatcggc cccaaccagc cccggaagcc 60
tggtgtgctt ggccagcctg ctgtaagcta agaaccacc cacagcagcc ctcgggggtg 120
tcaactgttc ctggagggtt aggagacccc ggacacctgg gacctgtgtt cctgagcccg 180
tcttgacatc tgtgttcttc ctgtcagctc cagccccggg cccctggacc acgggggtcca 240
cctctcctct gtcttgacca tttattgggg actttttgct cagcactgta ggaggaaaga 300
aggaaggagg gatggaagcc tcttcctctg cttctcctgt ccctagaacc gtaaagccca 360
gacgtcctgc tccccactgg gaccctcaat gataacacgg gtcagtgact gactctgagg 420
cagcaaggac agaggagagg tggaccccgt ggtccagggg cccgggctgt gagctgacag 480
gaagaacaca gatgtcagga cgggctcagg aacacagggt ccagggtgtcc ggggtctcct 540
gaactccagg aagcagtgc acccccaggg gctgtgtgtg gtgggttctt agcttacagc 600
aggctggcca ggcagcccag gcttccgggg ctggttgggg ccgatgtact ggagaggcac 660
gtgggtaggg gctgtgatcc gatcagtgcc gaggtaggac tggagggcag ggggcacagc 720
cactgagccg tccttctgct ggttactctc caggagcgcg atgagaaggc gggggacagc 780
acaggcggtg gcgttcaccg tgtgggcaaa ctgcagctcc ccagcctcgg tctggaacat 840
gatgtggagg cggcggtctt ggaagtctgt gcagttggaa gcactggtga cctctccaaa 900
gcggcctcgg cctggcatcc aggcctcaat gtcaaacttg cgctcgtgcc 950

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<210> 4207
<211> 1165
<212> DNA

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[illegible]

<221> misc feature

<223> similar to gi5262505 in the genepept database release 114.

Run with FASTXY 3.3t00, default parameters

tttttttttt	ttcagctttg	acattttattg	tttatttccca	cacccatccc	atgaaacaag	60
caggactttc	catttttacag	atgtgaaaaa	caagattcaa	agagactcaa	taacctgctc	120
caggacaaat	gacagaactg	agactttctga	ctccaaatct	tacgtctccc	cgccacacct	180
ctttgccttt	ctctttcaca	ccaatggact	ctatgggtga	ccttggcaca	ggttcttcta	240
agaactggct	cttaacaaaa	acttctggcc	attatctgac	tgaatgtcac	aaacaagtgc	300
tgtaaagaact	tgcttagagc	ctttttccct	aaacctgtac	accagctctt	gccttgtgaa	360
tttattcacc	acaaaacaca	tgttcccagg	gggcccaggc	aaaagtctcc	aagtacccca	420
gtcccccttt	ccttcagcct	tgcccacacc	cctcagcctt	cctggttaat	ccaggcgacc	480
caggggttacc	cagaggtcca	ggtcccagtt	gttcacttga	gcattctgatg	taccccaaac	540
acctgtgtga	aacgctctct	gtccaggatg	cgtccatagc	gcagggtgac	gtagaaggtc	600
tgtttcccac	tgtaccgctg	gatacgca	aacatctcct	gaggccggtc	cttgggtttct	660
gtcaggggaa	tcacatctgc	catgggacag	tatgtgtcct	gccgccagcc	ccagaagttc	720
agatgggccca	cccgcagcat	ggtgccagac	tcattcagat	acaggatacc	aaccagtctc	780
cgtaagaaat	agctcatcca	gcacagcatg	gtcagggcaa	agcccgatat	cccactcatg	840
aggcacacgg	tgttgagagt	gaggaggccc	tgggagtaca	agtaatagcc	tgggtggcaaa	900
gttaccactg	tcagggcagt	ctgtgccaac	ttcagtcgtg	acagggaacc	gaaggttctg	960
atggcatcaa	aacggtaaaa	catccagaat	ttctcagtct	ctgcgttttg	tagtttctcc	1020
ttcagatgg	gtgaactgct	gcccaccac	ctcttaggat	cctcctgcc	actgcagcac	1080
cacagcccat	ggagaggcct	ttcccacaca	gcttttcccc	gaaacctacg	cacagctcgg	1140
agaagggcag	ccatggcctc	qtgcc				1165

<211> 428

<212> DNA

<213> Homo sapiens

<221> misc feature

<222> (2) ... (79)

<223> similar to gi5441325 in the genepept database release 114.

Run with FASTXY 3.3t00, default parameters

ggaattcgag	cgtgtgactg	cggaagctgt	gaagccacgg	gagacctcgg	agcctagagc	60
agcagctcag	cgcttctgtg	agaaattccc	tttcctttga	agttttttgc	cctttatttg	120
catccttaaa	gcagttcgct	tgttttccct	ccttgaaaaa	attaattatg	atagtattgg	180
cttattttatg	atcaccaaga	cttgatttcc	cttagcatag	cttacagtat	aagttcacac	240
ttagctttga	gcaccagcac	caggaagaca	gcttttttaa	attacttact	tacgtaccat	300

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cttggttccaa aaaagatttg tgggtgtaca aaagctatat agaatacaga agatgaaaaa 360
ggaattgagt gtagccagag ggtggaagca gccaggtgt cccatcaaca gataaatgga 420
taaacaaa 428

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<210> 4209
<211> 557
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(82)
<223> similar to gi205610 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 4209
ggcacgagct ggagaatctg gtaaaagcac cattgtgaag cagatgagga tcctgcatgt 60
taatgggttt aatggagagt aagtgtcaaa tctgtgcagg ggggcaccaa gtaagaggaa 120
cagactttat actaaccttt aggaagtata ggtgggcttt gggggctggg cagccagttt 180
tcacttaatt ttctctgatt tacatattag aaaatcctgg gaagggtctt ttaggggtccc 240
tcacccccca ccccttggga tctttggtgc aacaaatact actgatgaaa gcaccagtgt 300
ttgtgacaaa catctcccta tcccaagaaa atcgtgcctg gttgcagggg acgcttgaca 360
gcacttgccc ccgtgacagc ccctctccgg gccagggtccc tgccacagtc ttcggacatc 420
actgcagtgt cttcaacgtg gctttggccg cccctcgtc cggccacgc tgatcactgc 480
aaattcacc caccacacct cagcgagatt tcaatgtaat gaaccaacac aggatgttt 540
aaactattag ggaactg 557

```

```

<210> 4210
<211> 2572
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2573)...(247)
<223> similar to gi5689373 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4210
ggcacgagtc tttttttctc ttatttgtgt ctcatctcag atgactgttt aggttgaaac 60
ataaaattag acatcgggtca tcgcaaatgt acctgatgtt taacatcatg caccgtcagg 120
acatcatta gtgatacctg aactgatcac gtttcatgaa atccaaacct ttcacactgt 180
ctttcaaaac ggtcatctcc caatcctaag gccagggtccc tgaggcaccc ccgccccggc 240

```

tggggacact	ccgtacctgg	actctctctg	ttgctgttgg	ccacagctgc	cggcacagga	300
ctttcttgag	gacgtcggga	aggaggctga	tggtcaccag	cagcacgatg	gccagccagg	360
cgggcccgt	ggacagcatc	tggatgaaca	cgtagtacat	cctctggtag	ttgaggaacg	420
gccagatcac	tcctccccag	agaagtgaaa	agacaacgta	gaacagcagc	gacccccaga	480
tgacaaaatg	gttgatccaa	gtccagtagt	gtgtgtccaa	tgcaagcttt	agtgtaaactg	540
tgaacaccat	cacggtgaat	accagcgttc	caaacgtcca	gtttccaaat	atctgcccgt	600
tgcttgtcac	agttgtat	tcaaacacga	aataagcacc	aaagaagaac	accagtgcgt	660
caaacagtcc	caggagcgtc	cagtagatga	acacgcgcca	gcgcagcagg	gcattcttgg	720
cgacgtccct	gtacagggtc	gggtctctct	tgagcacgtc	aatgccaaca	tgctgtctcca	780
tgaggctgta	caggaggatg	gggagggagg	tgaagctgat	gttgtagagg	gtcagatacg	840
cgggtgtcgt	caaagtctgt	tgtgaaaacc	cacagaagaa	ctggtataaa	aactgaggga	900
agatgaagca	gacgttctta	tagaagaagt	actgcacgag	ctcagagatc	ctaataat	960
aaaaatgccc	gtgaacaagc	agcatcttct	tcaaattgctt	aaactttggg	attgcatagt	1020
cgctgttcct	ggcagcctgg	cggccttcct	tgccgatgac	acctatgccc	acgtgcgctt	1080
ccagaatcat	gtgacatca	tttgaccat	cgccaattgc	taacgtgatt	gggtgctctt	1140
ttgaaaattt	gattaattta	acaatctgag	ccttctgcaa	gggcgccatg	cggcagcaga	1200
gcaccgcgct	gcagctccgg	cagatttcca	ggaagagctc	cctgtagttg	ccggaactcc	1260
cgtcttctcg	aggttctatt	atcagagaca	gtgcagctcc	gtcgataatt	aaaccgtagt	1320
cctgcataatc	tgctgaaagt	ccggagaggt	tgtctctggt	caggctcccg	ctgtggcgca	1380
ggaccgtctt	gctcagctcg	aacaggacgt	cgtgcaggct	ctgctcctcg	atcctcttgg	1440
tggtcagctc	cagcagctgc	gtgttcctgc	ggaagagctt	gcaggcgtag	cacgtggccg	1500
cggccgtctc	catcttgtct	cccgtgagaa	cccagacttt	gatcccggcc	ttctgcaggg	1560
cctcgatggg	gtctgcagct	ttctcctgca	gccggctctc	aacagctgta	gcaccaagca	1620
gagtaagatc	tttctctatt	tgctcatagg	cttctgctaa	ctttttctct	cgatcttgaa	1680
gggccacttt	ggcagcctgc	agcagcttac	aaatgccttc	atattcttct	tggatcagcc	1740
ttttataagc	aacacacaaa	gttcggagcc	cctccactgc	gttacgctcc	actctggctc	1800
ggatctggtc	aactttgcct	tctatcactc	gggggaatat	cgaagaatct	gctcctttgc	1860
aaaacagata	aatttctcct	gtagcagatt	ttacaattac	actcattctc	cttctgactg	1920
agtcaaaact	caaaatttcc	agcaattcaa	acctttcgat	gtggttctcc	ctgtttaata	1980
tctccatgta	attgtccttc	agccttaggt	aggtaaagcc	aagtctctgg	acaccttcga	2040
ccagcgccac	ctcgctcgggc	gaggatgaga	tgtacacaca	ggatttcccc	ccgtccggcg	2100
atttcctggg	gccgtctacg	ctgtcatcgt	ctttcacctg	gacggtgtgg	cagagacaga	2160
gggcccggaa	aaacagctcc	tcgcgctccc	tcccgttgac	gctgggggac	gagtcaatca	2220
tgctgattcc	tgacgactct	gggaggacct	gcccggtgca	gatgacgtgg	ggcacgtaga	2280
catggccttc	gatgcagcac	tccttgaact	ccatgttgtt	ttccgtgagg	gtgccggtct	2340
tgtctgtgaa	gatgtactcc	acctgtccca	gctcttcatt	gagggtccgac	gtgttcacca	2400
gaggccccctc	gccagtctcc	tcgtcaaaca	tgtcttcgtc	ccagggtgatg	aagtaagagc	2460
cgaggaactt	ctgcatctcg	accgtgacgt	acatggacac	agggatgatg	tagttaaaga	2520
ggaccatgaa	ggccaggaag	tccgtgaatg	ccttgaggaa	cagattcctc	tg	2572

<210> 4211

<211> 363

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (363)...(168)

<223> similar to gi929660 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4211
ggcacgagga caaagtcaaa gaggagacat ttcacagata cctcagccag gcgccatgag      60
gcctatgagg tcaagaatgg agagaagttt gagaaattag gaaaaaatat tagcgtcagc      120
acacaagtca cgtacgaatg agacaaatcc tagtggtcag atatgttagg aggggtggacg      180
agtggggaga tatgtgatgg ggatgcggga cttgcgtgat gtgggggaggt ggggtggcggg      240
ggttggttgg gggattgggg ctgtggggag gagatggaga gtggtgaggt ggggtgtgtg      300
ggtgtgggga tgggtgaagg ggaggagtgg gggatggttg tgatgggtgt ggggtgagggg      360
ggg
363

```

```

<210> 4212
<211> 1153
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (923)...(457)
<223> similar to gi5739567 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4212
tttttttttt ttgcattgta tgtattacag aagttagaaa caaacacctg gatcaattgt      60
aaacataatc ctgaattaca gtattttcca taggacaaaa cacagcaaga cattttctat      120
ttagacaggc aactttttga tatagagctt atttatactg aagaatctgg aacaaaacac      180
aggacacagt actaatctgt caaatatact atgaaatgca tagtctccac ttaaaatgct      240
gaatgacaca cacgttttgc aagcattact gctttccaca aaaactgctg aataggagtt      300
ccgtccctgc caagatcagt gtttaagaga tactttatga tgctgataag tattattggt      360
ggtggtggtg ttcagaaagt ttgtcactca tgcagatgtc tgaaatcttg ttccgaatcc      420
atggaacata ggggtggaggc cagctccccc ttttttagat gatcacatag ttctgagcag      480
agatgtggtc ctccacctgc agttcctgca ggagctgctg ctgctgggat ggctgctgga      540
cagaggcctc catggagccc gctgtgctgg tgtcatcaga aagagacgta aaggaaaccc      600
gggatgagag ctgctcaacg gtcagagttg ccaaagctga gctctggcca gagttaggag      660
agttcttgag cataaggtca gaagcaggta agagggggcc tagaagtttt acaggacaga      720
aagctgatcc ggttgggatg aaattaacct tgtttttgtc aggacatgaa aagagagggg      780
ccgagatagg ctgacgagac gccatttccct caaagacctt cactcgctca catccctctg      840
ggggctcccg tttgaacatg tagctgttgt ttggtttggg agatgaagca tacttgggta      900
acggtgagct actcccactg tctgtaaatt taaagcagtt atattaacta gtgattgaaa      960
gctcttttaa atttgatttc caaacaacaa gccttttgca caatttatcc actactgccc     1020
ctatgctttg accagctctc tttattgcaa agctatttct tataccctgt gtagcacatt     1080
tcttgtaaat aaaaactgca atgcaacagt catctgccac accatagaac ataaaaagga     1140
catttctcgt gcc
1153

```

```

<210> 4213
<211> 406
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (405)...(137)

<223> similar to gi871299 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4213

ggcacgagga	caatggtggt	tggaggaaag	ggaagggggt	ggggcggcct	ccgtccttta	60
gtcctgatca	aggtgaggag	atgcaagtcc	attaaaaaaaa	catttgcttc	caaccagact	120
cctttctcag	tgggtgccgg	cccgttctct	atcccgggtgt	ctctcatgct	cccgggttcct	180
ttcttgga	taatcatcat	gccgatcttc	attatgaagc	agatcccgggt	gcctcctgct	240
gctctcccg	gaccggctag	gtgacctttc	ccgggagcga	tgtcttttcc	tggaagagct	300
cccactggca	cccacactgt	aggacttggc	ttcaatgcc	tgaagacagt	ccttaagaga	360
ggagatgagg	acacggcaac	gctcatcatt	ggcaaccccg	gtat		406

<210> 4214

<211> 925

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(926)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (10)...(284)

<223> similar to gi3309541 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4214

ggcacgagcg	gcacgagggc	tgaacaggaa	aagcgagaga	aaacggcctc	accagcttac	60
acagcactga	ccaccacagc	caaagtccgg	ccaaggaaac	taggattttc	acacttcgga	120
aacataagaa	aaaagaagtt	cgatgaatcg	acggactaca	tttgcccaat	ggagcccagt	180
gacggtgtca	gtgatagtca	cagggctctac	agtggctacc	ggggcctcag	cccccttgat	240
gcccctgaac	tggatgggct	ggaccagggtg	ggacagatta	gctgatgcc	ttgtcacctg	300
ccctctgtgc	accctgagag	ctcacagtaa	cactgtgtgt	gtcaccatat	aactgcacct	360
cacccccgca	cgtgtgcatg	actgcgagag	aatattccag	caattgtgta	cccctgggcc	420
agtctctttg	aaccctgagg	gtggccaggga	tctggagctg	catctctaag	gggccaggct	480
ttggggacca	ttgcaaagg	tggactcagg	aggaaagaca	cttaaagaca	cttttacatg	540
tctagtaatt	cttgatgttc	atcttcagca	ccagtggaaa	cacatgaact	tcgatgcagg	600
tccagagacc	atggacactc	ccacgaggct	cagctctcag	gcacccccta	cacttcagtt	660
gagggaaaag	ctcaagtgcc	ttagggccgt	ggaccacagt	cttggctgag	atcaaaggga	720
tgagcaacag	ggacttctgc	cacagtgaca	atggaattgt	gttgtgcctt	acttcagagg	780

tggtctcttc	tttcttgtaa	taaaagcaat	atztatgcgg	nnnnnnnnnn	nnnnngggcg	840
gccgttttaa	aggatccaag	ttatacgccg	cgggctggca	aggtaatagt	ttttttatgg	900
ggccccaaa	attcaatcca	cgggg				925

```

<210> 4215
<211> 645
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (646)...(487)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	4215					
ggcacgagct	ggaagaaatt	taacaaagaa	taggaggatt	tgtacactaa	aaagtacaaa	60
acattgttaa	tagaaattaa	gtaagaccaa	ataaatggaa	aaacattaaa	tgtttttgta	120
tcagacaact	taatattggt	aagggtggta	tactacccaa	attgatgtga	agaaccaaca	180
caattcctat	aaaaatccca	gctggttttt	tgcagaatca	ataagctgat	cctaaaattc	240
acatagaaat	gcaagaaatc	cagaagagcc	aaaacaatac	tgaaaaagaa	caaagttgga	300
ggattcactc	ttcccaatth	caaattgtat	gacaaaacta	ttcaagggtg	ggtgaggtgg	360
ctcgtgcctg	taatcccagc	actttgggag	gccaagggtga	gaggatcact	tggaaccagg	420
agtttgagac	cagcccaggc	aacacagtga	gactccaact	ctataaaaaa	ttaaaaatta	480
gccagggggc	caggtgcaat	ggctcacact	tgtaatccca	gcactttggg	aggccaaggt	540
gggcagatca	cctgaggtca	ggattttcaag	accagcctga	ccaacatgga	gaaaacccgt	600
ctctactaaa	aatccaaaat	cagctgggtg	tggtggtgca	tgccct		645

```

<210> 4216
<211> 951
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(952)
<223> similar to gi4583386 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	4216					
atgcggggcg	cggcgggcgg	ggggggcggt	cggacggccg	cgctggcgct	gctgctgggg	60
gcgctgcact	gggcgcgggc	gcgctgcgag	gagtacgact	actatggctg	gcaggccgag	120
ccgctgcacg	gccgctccta	ctccaagccg	ccgcagtgcc	ttgacatccc	tgccgacctg	180

```

ccgctctgcc acacggtggg ctacaagcgc atgcggctgc ccaacctgct ggagcacgag 240
agcctggccg aagtgaagca gcaggcgagc agctggctgc cgctgctggc caagcgctgc 300
cactcggata cgcagggtctt cctgtgctcg ctctttgcgc ccgtctgtct cgaccggccc 360
atctacccgt gccgctcgct gtgcgaggcc gtgcgcgcgc gctgcgcgcc gctcatggag 420
gcctacggct tcccctggcc tgagatgctg cactgccaca agttccccct ggacaacgac 480
ctctgcatcg ccgtgcagtt cgggcacctg cccgccaccg cgctccagc gaccaagatc 540
tgcgcccagt gtgagatgga gcacagtgtc gacggcctca tggagcagat gtgctccagt 600
gactttgtgg tcaaaatgcg catcaaggag atcaagatag agaatgggga ccggaagctg 660
attggagccc agaaaaagaa gaagctgctc aagccggggc ccctgaagcg caaggacacc 720
aagcggctgg tgctgcacat gaagaatggc gcgggctgcc cctgcccaca gctggacagc 780
ctggcgggca gcttcctggt catgggccgc aaagtggatg gacagctgtc gctcatggcc 840
gtctaccgct gggacaagaa gaataaggag atgaagtttg cagtcaaatt catgttctcc 900
taccctgctc ccctctacta ccctttcttc tacggggcgc cagagcccca c 951

```

```

<210> 4217
<211> 2260
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (12)...(865)
<223> similar to gi4322936 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4217
gaggcggaat tctagaggag ttggagagaa ggcgcaaaga agaagaggag aggagacggg 60
cagaagaaga aaagaggaga gttgaaagag aacaggagtgc ccgatggcgg gagatggagg 120
agcaccggca ggcagagagg ctccagaggc agttgcaaca agaacaagca tatctcctgt 180
ctctacagca tgaccatagg aggccgcacc cgcagcactc gcagcagccg ccaccaccgc 240
agcaggaaag gagcaagcca agcttccatg ctcccgagcc caaagccac tacgagcctg 300
ctgaccgagc gcgagagggt cctgtgagaa caacatctcg ctccccgtgt ctgtcccgtc 360
gagattcccc actgcagggc agtgggcagc agaatagcca ggcaggacag agaaactcca 420
ccagtattga gcccatgttt ttgtgggaga gagtggagaa gctggtgcc agagctggca 480
gtggcagctc ctcagggtcc agcaactcag gatcccagcc cgggtctcac cctgggtctc 540
agagtggctc cggggaacgc ttcagagtga gatcatcacc caagtctgaa ggctctccat 600
ctcagcgctt ggaaaatgca gtgaaaaaac ctgaagataa aaaggaagtt ttcagacccc 660
tcaagcctgc tggcgaagtg gatctgaccg cactggccaa agagcttcga gcagtggagg 720
atgtacggcc acctcacaaa gtaacggact actcctcatc cagtgaggag tcggggacga 780
cggatgagga ggacgacgat gtggagcagg aaggggctga cgagtccacc tcaggaccag 840
aggacaccag agcagcgta gtccccggtc tcttttagag cggatgagag tattctctca 900
gagcctgctt tccactggga cctagtgtgt cctagactat tccgtgaccc catgagcact 960
tactatgtag ttctcgtgga ttcagcagca ggtgcgcctt tgtttccct tctctctgtt 1020
ggtgtgtgca tatgtcagtg cttccccag caccacagcg tgtactttat tttttccttt 1080
tgatttgagg atatatgac caggggaaat ttcagtttg tataactact ttaattagcc 1140
ataattattc attctaagtt ttgtctcaga aacaaatggc actggaaaga aattctttgt 1200
taaagggaga aagctaagca gttgcttttt tggaggaggc tttatatcgg tagcctcatc 1260
tcatgttttg attttgagaa ggcgaaaagc ctaaacagga tctccttgac tccagagatt 1320
aaggcctttc acgtctggat tttttctcca taggtcatct ctgaatttga gcaatgggtga 1380
aacggaatct gtgaaaacca tgattgtcca tgatgatgta gaaagtgagc cggccatgac 1440

```

```

ccatccaag gagggcactc taatcgtccg ccaggtagcc gtgtcttctc tgttgtcaga 1500
ggctgagctt ctctgttggt cattaaccca cttgctcatt cactcactca tgctgtttct 1560
ccatcatcat ctgttttcat gttaacaagt cccagagggg caagtgtcga gtgtcggggg 1620
ctaggagggc aggtgtgtac tgcattgcca gaaggtagcg agtagtctcc accccacatc 1680
gctgctcctc tgcattgtctg cggcagccct cattcaagca ccgcgctgag tctcacagtc 1740
tatgtctgag cgggagagaa gccacagagg agtccttaaa caggctcaca gagtgaggaa 1800
gccaggctctg gagtctggca gagccagcca ccatggctct gcagagccac gctgggctct 1860
gagtgtctgc agtgccacag tgggagcggg tgaggcaggc aggacgagcc tcatcacagg 1920
cccagagact cggagagcag aagggttcgg gaggtttctc ttctatgttc caaaatgtta 1980
gttttctcac ttgttgaata attaaatgtg tgccaccagc atatgtctag tttggatcac 2040
taagctttat aactgtctgt tcatcttcta gcttagactt aattaaagtg atacgcttct 2100
catttaaata gaacagggca cctatttagt attttggact ttgccctaag tgtgtttcat 2160
gctatggcaa tgcattcgga tggaaagtag gaagaatgtg gaaaagacca ggattcagag 2220
aatccacagg tactttctgg agctttgcaa agaaagattt 2260

```

```

<210> 4218
<211> 2077
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (110)...(966)
<223> similar to gi3941342 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4218
tttcgtctaa cctcggctct tcccagtcct ctggactata atggggaaca cattgggcct 60
ggcaccaatg gggactttgc cccgccggag ccccgccga gaggaacccc tgcccaaccc 120
tgggagcttc gatgagctgc accgtctatg caaagatgta ttcccagcac agatggaggg 180
agtgaagctc gttgtcaaca aggttctgag cagccatttc cagggtggcg acactataca 240
catgagtgcc ctgggcttgc cgggatata cctccatgcg gcctatgcag gggattggca 300
gctcagtcct actgaggtgt tccccactgt ggtaggggat atggacagca gtggcagcct 360
gaacgcccag gtcttgctcc tcttggcaga gcggctccga gctaaggctg tcttccagac 420
gcagcaggcc aagttcctga catggcagtt tgatggcgag tatcggggag atgactacac 480
agccactctg accctaggaa atcctgacct gattggggag tcggtgatca tggttgctca 540
cttctgcag agcctcactc atcggctggt gctgggagga gagctagttt atcacccggc 600
gccaggcgaa gagggggcca tcttgacact ggctgggaag tactcggctg tacactgggt 660
agctacattg aatgtgggat caggcggggc ccatgcaagt tactaccaca gggcaaatga 720
acaggttcag gttggagtgg agtttgaggc aaacacaagg ctacaagaca caacattctc 780
ctttggttac cacctgactc tgccccaggc caacatggta tttagaggct tgggtgtag 840
taactggtgt gtaggtgctg tgctggagaa gaagatgcc cctctgctg tcaccctagc 900
ccttggagcc ttcctcaatc actggcgcaa gagattccat tgtggcttca gcatcactgt 960
gggctgaggt tgtccagagc cagccccac agcagctgga acctctgagt cagggtgccct 1020
agggccaaag actaggcccc tcttcagagc ccaccttgct ggggtgatctc taggaccag 1080
gagcagagtg gtggacagga ccatgccctc ctcaagaact gagctgccac aggggcagtt 1140
gatgaggcag aggtttgagg atccccctc tgctaccagc cccagtatca ccttccccat 1200
gctcttgtgg ctgtggacta agggagaagg attaaggggt atggctgaat tccccggca 1260
ccccttgccc tcaggcttcc ttcttcttt ccctttggtt aatcctgcat gggattagct 1320
gaccatcctg ttttccatcc cagagcctcc caaggctggg aaagtagggc tgaagggcta 1380

```

gatgttttgg	ctcaggaagt	ggggcccacc	cattcccaga	aggagcttct	ttacctctta	1440
gccctgaggt	ttctctcttc	ccatcttctg	tgcttccaga	gaacaacttt	gttcctatgg	1500
tcacccccac	tatccccatg	accgcatgaa	gaggcagtta	ttgcttttagt	ctttcattgc	1560
aaccactggg	ctccctttga	acccggccca	atctttggtc	ccagcatttt	cccactccag	1620
tgtatccagg	gtgttccagg	tgagctgggg	aaggaaagtga	gcatggcctc	agctgcagat	1680
ctcctggagc	agcggcatca	tggcagacag	gccctggatg	tgctggattt	ggtacccgta	1740
ggcctcatta	atgctccgga	gctcagccag	caggcctagc	aacttcgcat	acagaaacct	1800
ttggaggaag	tagtgggggt	gccaggaaaa	caggagggaa	ataaggcagt	tgggagtctt	1860
gtctctaggc	cctgatcccc	tgaactattc	ctcagtgaag	ccagggtctga	acattataga	1920
aaatcatgct	ctggtatgac	agactatcag	aggttccaaa	ggctcctccag	ggggcctcgg	1980
tctgacactg	tcttctctca	ccatgctcag	ttttttctga	accagagct	ctgagagccg	2040
agtgtgaaga	aagctccaga	cttggccaga	acctcac			2077

<210> 4219
 <211> 2398
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (24)...(892)
 <223> similar to gi3876073 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4219	
ggcacgaggc	taatgatcct gattatctga aacgtcaagt tggtttctgt gccagtgga 60
gcttagacaa	tctcttttta aaagaaggta gacagctgac ctatgagaaa gtgaacttga 120
gtagcattag	ggccatgctg aatagcaatg atgtcagcga gtacctgaag atctcacctc 180
atggcttaga	ggctcgctgt gatgcctcct cttttgaaag tgtgcggttg accttttgtg 240
tggatgccgg	ggtatggtac tatgaagtaa cagtggtcac ttctggcgtc atgcagattg 300
gctggggcac	tcgagacagc aaattcctca atcatgaagg ctacggcatt ggggatgatg 360
aatattcctg	tgcgtatgat ggctgccggc agctgatttg gtacaatgcc agaagtaagc 420
ctcacgtaca	cccatgctgg aaagaaggag atacagtagg atttctgtta gacttgaatg 480
aaaagcaaat	gatcttcttt ttaaattggca accagctgcc tcctgaaaag caagtctttt 540
catctactgt	atctggattt tttgctgcag ctagtttcat gtcatatcaa caatgtgagt 600
tcaatttttg	agcaaaaacca ttcaaatacc caccatctat gaaatttagc acttttaatg 660
actacgcctt	cctaacagct gaagaaaaaa tcattttgcc aaggcacagg cgtcttgctc 720
tgttgaagca	agtcagtatc cgagaaaact gctgttcctt ttgttgtgat gaggtagcag 780
acacacaatt	gaagccatgt ggacacagtg acctgtgcat ggattgtgcc ttgcagctgg 840
agacctgccc	attgtgtcgt aaagaaatag tatctagaat cagacagatt tctcataatt 900
catgacacat	gtgaagaggc atcgtggact ttttctact caattccagc caatgttgaa 960
aagaaaaaga	aaaaaaaaaac tctctaataca gttgtacaca cattgaaact tatagccatg 1020
gccagatttt	atgctaaaaa tggtagtttg tcaaagacaa aatttcttta gaatctaata 1080
caacttgcca	gccctgagaa aatccctttt aaggccaagg aaagctgaat gctagcagcc 1140
aggcctgtgg	tacttccatg agaaaccata gcagacaatg ccttcccaag tactgaaatc 1200
acactggaat	cccccttggt ggggttcattt gattgtttta cacaggatgt gttgtgtcat 1260
tctgaagttt	ttatttgggg cagaagtctt tatggagatg taaatgacag cgtttctggg 1320
ttatgcataa	cttctcactg gtcagagaca cgggtgtgtc aagcatggat attgcattgc 1380
aagacttgaa	tctataaaaa ttagaatcac acagtcaagta ctacaagcaa aacagagaac 1440
ctgaaagaag	gtgcacagac tgtaagaaaa aaccaagtt tgtgatattt cagtgattcc 1500

```

aaagaacatt ctaggttttt tgtttgtttt tttgtttttt gggttttttt tttttactgc 1560
aaaaaatggg ggggtattttc acattcatag tgtttctatc caatttcagt acccacattt 1620
aatgaggaaa aaatgtttta ccaatgaagg aggaattcct aaattagctg taatgttagg 1680
ttggagaaaa tttgggtattt aggggtattt caaggtagca tcaaatcaga tttctgtttt 1740
tttgtaaata aaaatttttt taatcagtat tgtttttaca agtaatatat tttgaaactc 1800
ttgaactaat agtctcaaaa actctagagg acagtctgag aacacgtatt tctattgttc 1860
taaataaata catgtttttt aatagttcaa tcatgaatta ttgactatgt cttcatcaaa 1920
agtgttaatc cctctcaggg tctctggtga agaccttcaa gagtttggtt ttttctccca 1980
ggaaattgga aggtagaatt gtaaattcat agaacttctt ttataatggt gtacctcagc 2040
agctgccttt caatttatgc caagtcctta cagagtttat acttgaatag taaatatgtc 2100
ttctgagttt tacagtgtct taaactcaat gcacattttt ttttcttctt tttccacccc 2160
ttcttgtttg tagttcatta tacctgtcct attacagaac tgatttcctt cctggctgta 2220
catgttgggg tgctggattt ttttccgtgt ctttagtctt ccataaatcc acacacacac 2280
acacacacaa aaaatatata tatatatata tatatatgta ggatacatgt tctcttcttt 2340
agcttggtgt gaatacagta atttgcattg aagaataaaa catctgttgc cttttttg 2398

```

```

<210> 4220
<211> 1246
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1247)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (319)...(422)
<223> similar to gi5069431 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4220
ggcacgagca aaaggatgac atccaaggaa agataactga atcaatgtga agtctgtgag 60
tccctccagt tgtcttctc ctcacagga ctaaaactgg acttaagagg cagcgatcca 120
ctaagcactg cttctgttca gaaataagaa ggaaggaatt catacagaga actcgtatta 180
agccagtagt ttgtgtctac ttgtgatcct cttgtggtat gtgataccat atagaaatag 240
taaagaaatg gctatatctt tgcttttatg attagaagta gcacattaaa tgatgtggtc 300
tgtctgttgc cactcactca gctccatctg atccactgga actccactct gtttggcagc 360
attgatgagg ctgtggggaa gccgcacgga atcgccatca ttgctctgtt tgttcaggta 420
aacggtctgc tgtgattatc gcattgttta gagatgctaa tttctaaatc attttgtaaa 480
atTTTTTtat tctcaatttt attgcttaga gatgaaatta cacacataga gagaacacct 540
gataaaaaaca gaaaacttga tccttatggg ttatcggagt tcagacatat tcattggtag 600
aaaatagttc ctttatttat tagaaatttt cttcagagta gcattcaggg tctttggaga 660
aatgatttag aaaatgactc ctgaaggtag agtttatttt atgaaaaagg atttcagaaa 720
atgtctttag accctggttt acagaaaaat ctacaaaaaa aatcaataac aataatagaa 780
gtatgtagta gattacttta gcccttcttt attaacaatt ttcactctga gatgacttga 840
aatgccttat aggaaacact gataaaaaat agactggcaa agaccttggc agatatagtc 900
aatataacat ttggatttga gctctgtggg aggcaaagaa gagtatataa atttacccaa 960
acatatgaaa gcaggccacg tgctttcaga ggtaaaaact taactccagt ttttaaggcg 1020

```

```

aacttctaaa ttttgtctta ttacctgttt gacatcgtaa aagattttaga ggtgaaagag 1080
tatccgggaa atttttagcct taaagctgcc catcaggacc aggaaccag agttgcagct 1140
ccgnggtggc tccgggctgc ccattgggat acccggggat tagagcctgt tagcncagtg 1200
gtcctccaga accttaattt cccaagaga gtccgataat gggccc 1246

```

```

<210> 4221
<211> 1214
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1078)...(464)
<223> similar to gi2822157 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4221
tttttttttt ttgacagtaa gagcaggttt actgttggca acagcacagc cctgtggcac 60
ccaagggtag cgggtggggg ggcgccggg tctcctgggg ccccgttctc cctcccattc 120
tctaggtccc tggaggccag acccctgggt gcggcccatc ctagcagtggt ttctggctgg 180
gtctgtcctg ggcaggagag gaggtccct ggagaggcag tgatggctac agcgtctgta 240
gggagctggg gacacttccg gccagccatg acaggcccaa gcctgctcag ctctgcactt 300
ctggggatcc ccttattcct gactctcccc cctccccac ctggaagaga cctaggccct 360
gcaccctaata gaggaggacc ggggtgaggg ggtgcagagt gtctggggg ggctccgagc 420
gcttggcagg ggactcagca aggggagcgt agggcgggcc tcacgtctgc agctccagga 480
ggcagttggg ctctgagggt ggggagccgg ccgggctgga gctatgggcc tcgaggaggt 540
cctgcagcac ccggagcagc cgggccaatg agtcctcggg gactttgcca gggctcgtgg 600
gcaccgtgcc tgccctctcg cccccgtca gctcccggtg cctctccac agcatggcct 660
ccacgcccag cagggtgccg tagatgagct gggcctcaag gtcatggtca agagggtcat 720
tccactcctg cagggtcacc cgtgaccggg tcttatcgca gccctgacct gtcttctctt 780
tttggtggca gcagctccac ttgtccccac ggaagacgcc aggggtggtag gagcccagca 840
gtccggtggt gttgatgctc accttccgca gcgcagacag cactgggta agctcattca 900
cacacttgga gctgggcgtc ttgcggaagc tgagggcctc ggtagtgagg gagaagtaga 960
gcttcttgaa ggaggaggac atgagggggc ccttgccctt ggtcctgtgg atgaagagtg 1020
gcccctcctt cacagggtgg gcctgcaaac tcagcgtccg ctgcagggtc agctctgcca 1080
ggccaggagg ggaggggaat agagagccca gtgaatgagg gcgggactgg ggggagcgga 1140
gcagtgggag gggccatggg gctcaagggc tgagcaaatc tgaacagcag gcagtggacg 1200
tagtcactcg tgcc 1214

```

```

<210> 4222
<211> 345
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (1)...(346)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (5)...(158)
 <223> similar to gi344410 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4222
 ggcacgagcc cgcaagcaga tcgtagctgg ggtgaactac ttcttggacg tggagctgag 60
 ccgaaccacg cgtaccaaga cccaacccaa cttggacaac tgccccttgc atgaccagcc 120
 acatctgaaa gggaaagcat tctgtctttt ccagagctag cctgacaacc cggcattcaa 180
 gtaacacatt cccaattaac accggtgctc aaatcatcgg caatcccatg ccaacaggac 240
 tcggctccgc atctaagcca ttcaggggtg gacctccgcg acgattctga cgatgagctc 300
 tctgccatgg ttgtaagata atcgaccgca atgtcctgtc aactn 345

<210> 4223
 <211> 1945
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1755)...(956)
 <223> similar to gi3327172 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4223
 tttttttttt ttaaattttt aagagctcaa aggtatacag gcagaaagtg gaaaatctca 60
 ctactacttt ttatttctaag ctacaggtgt ttcagatatc tatttcacaa ccaagaccat 120
 gaaacccatc atagtatttg tgactactat gaaaactatg acatgtcagt cagccttgct 180
 gcctgctgtg tgctgtatat aagtccatta catattcctt ataggctggg attgaaaacc 240
 tgaaaatgaa atgaagtccc tagagaaact tggccatgct ggggtgctttt taccaagttt 300
 ggcmathaaa aaaaaaaaaa atcagtgttc aaaggagaca taaaaaagtc catttaatgt 360
 aggcagagga tgttttagggg gggttacaatt tctatcccct gggggaaaac ccaatacttg 420
 gtagaaggat aaagaaaaag ccacgtgaaa taatactgaa tagcaccaga atagccttac 480
 actaaagctc gcatgcgcac agggctggga ggatggcttc ctcttgccag gccctttagg 540
 tcatttcagc aattgtttctg ttaacatag cattaatgtt atcaagacac agcaagcagc 600
 agaaagcttg tggagtcaaa tttcatagtg tctcatctcc aaatcagata aaagtgggat 660
 acagggttcc atccagaaaag cattcagtcg gagcaagtta aagtcagtac tttctaaccat 720
 acttttaaga tacttatgct gaattagccc aaggagagaa aattaatgtg cttgatgtat 780
 ttactaagac ttgcatctca agtcttcaat aatgcctatt tttgaaagaa acctaggcaa 840
 cgaattgaag agacttggaa atgtgccaat tccctaaatg tttttctccc tgtgggataa 900
 ttttttttaa agggacaata tatttgagga gaagagatta ttcttggtgc acctacctaa 960
 ccactgtaca aaagacttca ccatagacat tatactcttg atatcccaaa cataggagta 1020
 catgtcataa agaattgtcc tgttggcaca attggagagc cgagtgaaca ttcccatcac 1080

tagtccacac	atctcttcaa	acttggctgc	tcgtgaccgc	cattcttcaa	ttttttcaga	1140
gtcttttcct	ttgcaattga	cactgacaac	actactat	gctcgaagcc	attgaaattc	1200
ccgtaacatc	tgtgctcctt	tgggtccatg	ctcgtaaagga	aggtagaata	gatcagcaag	1260
taactgcaaa	tcctccaggg	tcactgggtc	cgagtggtac	aaaggctttt	catttggacc	1320
tggcacaac	tgctccttgt	ttgtctgttc	atcagtttgc	atgggggcaa	tgctactaat	1380
acaatcttct	tgcatggaca	tctctgggga	ttttgattca	gctatgctct	ctttatcagt	1440
gtccattggt	ttcaattcct	ctgccatttt	cgcttcaaca	atttcaactca	gtatttgatt	1500
gtcattcttg	tgggccgttt	cttcttgttt	ttccaccacc	atgtccatgg	gttcttcac	1560
aggctgtttc	ttttcttctt	ccttgggtcag	agtagtaggc	tcaccactca	aggctgctcc	1620
ctggctcata	atgggctcct	gataaactgt	tgttactacg	gttgtggcat	ttaaagaggg	1680
tgctgcaact	aaaggagtcc	catcaactac	acttgcttta	gctccactgt	gtgcaacttg	1740
cctaccctaca	aaaataaata	aatgtataaa	taaaatggtc	acacagataa	tcagaattag	1800
agatagaaca	cattagattc	agaaagatgc	tttatcatat	ttgttaagtg	gaacctcaat	1860
tttagatcca	aattaatttg	acctctaaga	aaaatgagat	ttctctatac	tactagggat	1920
gcaggaatgg	aagggcgttg	ggagg				1945

```

<210> 4224
<211> 2298
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (374)...(1967)
<223> similar to gi5805194 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4224						
tcatcacgcc	tagcttggca	cgaggcaata	gacgcccaga	tagtaaggag	gctgaggcaa	60
gacaatttat	tgaacccacg	aggcggaggt	tgcagtgagc	tgagattgtg	ccactgcagt	120
ccagcctggg	caacagagtg	agactctgtc	tcaaaaaaag	aaaaaaagag	ctaaatgttt	180
ttaaatttcc	agagctaaat	attttgtaaa	gaccatttac	aaaaggcctt	cattttatag	240
tggtacccag	gtcacccctt	tccatccata	acctgaggaa	caggaaatta	ggaccctgt	300
gaaggtggct	gagggcaagg	agagaggggt	cctcctctgt	ggcctgcatt	tgagtgtctc	360
ttcttccag	tagcaagaat	ttcgactggg	agtgcgactc	tactcagagg	aacagccaca	420
ggaagctgtg	ccccacctag	aggcggcgct	gcaagaatac	tttgtggcct	atgaggagtg	480
ccgtgccctc	tgcgaagggc	cctatgacta	cgatggctac	aactaccttg	agtacaacgc	540
tgacctcttc	caggccatca	cagatcatta	catccaggtc	ctcaactgta	agcagaactg	600
tgtcacggag	cttgcttccc	acccaagtgc	agagaagccc	tttgaagact	tcctcccatc	660
gcattataat	tatctgcagt	ttgcctacta	taacattggg	aattatacac	aggctgttga	720
atgtgccaaag	acctatcttc	tcttcttccc	caatgacgag	gtgatgaacc	aaaatttggc	780
ctattatgca	gctatgcttg	gagaagaaca	caccagatcc	atcggccccc	gtgagagtgc	840
caaggagtac	cgacagcgaa	gcctactgga	aaaagaactg	cttttcttcg	cttatgatgt	900
ttttggaatt	ccctttgtgg	atccggattc	atggactcca	gaagaagtga	ttcccaagag	960
attgcaagag	aaacagaagt	cagaacggga	aacagccgta	cgcatctccc	aggagattgg	1020
gaaccttatg	aaggaaatcg	agacccttgt	ggaagagaag	accaaggagt	cactggatgt	1080
gagcagactg	acccgggaag	gtggccccct	gctgtatgaa	ggcatcagtc	tcaccatgaa	1140
ctccaaactc	ctgaatgggt	cccagcgggt	ggtgatggac	ggcgtaatct	ctgaccacga	1200
gtgtcaggag	ctgcagagac	tgaccaatgt	ggcagcaacc	tcaggagatg	gctaccgggg	1260
tcagacctcc	ccacatactc	ccaatgaaaa	gttctatggt	gtcactgtct	tcaaagccct	1320

caagctgggg	caagaaggca	aagttcctct	gcagagtgcc	cacctgtact	acaacgtgac	1380
ggagaagggtg	cggcgcacat	tggagtccta	cttccgcctg	gatacgcccc	tctacttttc	1440
ctactctcat	ctggtgtgcc	gcactgccat	cgaagaggtc	caggcagaga	ggaaggatga	1500
tagtcatcca	gtccacgtgg	acaactgcat	cctgaatgcc	gagaccctcg	tgtgtgtcaa	1560
agagcccca	gcctacacct	tccgcgacta	cagcgccatc	ctttacctaa	atggggactt	1620
cgatggcgga	aacttttatt	tcaactgaact	ggatgccaaag	accgtgacgg	cagagggtgca	1680
gcctcagtg	ggaagagccg	tgggattctc	ttcaggcact	gaaaacccac	atggagtga	1740
ggctgtcacc	agggggcagc	gctgtgccat	cgccctgtgg	ttcacccctg	accctcgaca	1800
cagcgagcgg	gacagggtgc	aggcagatga	cctgggtgaag	atgctcttca	gcccagaaga	1860
gatggacctc	tcccaggagc	agcccctgga	tgcccagcag	ggcccccccg	aacctgcaca	1920
agagtctctc	tcaggcagtg	aatcgaagcc	caaggatgag	ctatgacagc	gtccagggtca	1980
gacggatggg	tgactagacc	catggagagg	aactcttctg	cactctgagc	tggccagccc	2040
ctcggggctg	cagagcagtg	agcctacatc	tgccactcag	ccgagggggac	cctgtctaca	2100
gccttctaca	tgggtgctact	gctcttggag	tgagcatgac	cagacaccgc	acccctgga	2160
tctggctgag	ggctcaggac	acaggcccag	ccaccccag	gggcctccac	aggccgctgc	2220
ataacagcga	tacagtactt	aagtgtctgt	gtagacaacc	aaagaataaa	tgattcatgg	2280
tttttttttaa	aaaaaaaa					2298

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<210> 4225
<211> 1006
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (934)...(534)
<223> similar to gi4008446 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4225						
gtcgactttt	cagaatgtga	agatttttact	cttggcttaa	tttttccctc	cactcagtg	60
taagctgagc	ctccagatgc	tgttacctca	gatttaata	ctggttgaaa	ctccgtataa	120
tctgtagagc	ctccatggct	ctaaaatttg	gaattaactt	ctctttcttt	aaaatgaagc	180
ttttatacat	agctatccac	atatgtacaa	gcagctctta	aggcaagaga	agttaattcc	240
aaattttaga	gccatggagg	ctctacagat	tatacggagt	ttcaaccagt	gattaaatct	300
gaggtaacag	catctggagg	ctcagcctta	gcactgagtg	gagggaaaaa	ttaagccaag	360
agtaaaatct	tcacattctg	aaaataatag	tggcaaaaca	taacactcct	ggactgcggg	420
aaataaaaatt	gagagggaca	tgattagaag	taaacttcta	gaattctact	aattccaggt	480
tcttcaaatt	ggtacaactg	gtgacaatcc	cagagtcacc	agtcatacaca	tcaaagtttg	540
atagagaaaag	atgaccaca	ggagcagcct	tgctgtgctt	gaggattgtt	caacacttga	600
aatgagcttc	ggatcagttc	ttggctgaag	tccacctggg	cccctttcac	gaaggccaag	660
ctatcagagt	caaccaccac	tcttgcccca	ccctgttcaa	ataccctgtc	gtcgggggtg	720
ataactgtat	ccagtgaaaa	tttgtattgg	aatccggagc	atccacctcc	ctccacttgc	780
agcctgagga	attctgaccc	ttcgggtgatt	tccaaaagcc	tctggacgca	actgtctgtg	840
aggcggatct	gcccttcgcc	ggcctcgggg	ctggaggacg	acgcctcccg	acgcgcctgg	900
ggtcccaggg	aggccgtgag	gagcctgcc	ctcgccagg	gagtgaccgc	tctctgcgtc	960
gcggccgtta	gggacgaccc	ccaggcggca	gccatcttct	cgtgcc		1006

<210> 4226
 <211> 990
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (267)...(426)
 <223> similar to gi2632247 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4226
 catgtgtatc tgctgtctct tagcccagac ttcccgtgtc ctttccactg ggcctttggg 60
 aggtcacagg gtcttgatgc tgtggtcttg atctgcagggt gtctgacttc cagcaactgc 120
 tggcctgtgc caggggtggaa gctgagcact ggagtggagt tttcctgtgg agaggagcca 180
 tgcctagagt gggatgggccc attgttcata ttctggcccc tgttgtctgc atgtaacctta 240
 ataccacgac caggcatggg ggaaagattg gaggaaagtt gagtgagagg atcaacttct 300
 ctgacaacct aggccagtgt gtggtgatgc caggcatgcc cttccccagc atcagggtctc 360
 cagagctgca gaagacgacg gccgacttgg atcacactct tgtgagtgtc ccagtggttg 420
 cggaggtgag aggagagtag acagtgagtg ggagtggcgt cgcccctagg gctctactgg 480
 accagcgtct cctgtctcct ggagaggcct cgatgcccct ccacaccctc ttgatcttcc 540
 ctgtgatgtc atctggagcc ctgctgcttg cgggtggccta taaagcctcc tgggtctggct 600
 ccaaggcctg gcagagtctt tcccagggaa agctacaagc agcaaacagt ccgcatgggt 660
 catccccttc actcccagct cagagcccag gccaggggcc cccaagaaag gctctggctg 720
 gagaacctct gcatgaaggc tgtcaaccag tccataggca agcctggctg cctccagctg 780
 ggtggacaga cgggctggag aaggggagaa gaggaaagga agttgcctgc catgtctcct 840
 acctgaggct gaggaaggag aaggagatgc actgttggag agacagctgt aactcaaagc 900
 cttagcctct gttcccacga aggcagggcc atcaggcacc aaagagattc tgccagcata 960
 gtgctcctgg accagtgata cacaccggcc 990

<210> 4227
 <211> 972
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (941)...(296)
 <223> similar to gi3954938 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4227
 tttttttttt gatgttttag aactttaatt atgaaaaagg gataaacaat tcaagatggg 60
 ggaaccagcc ccaaactggg ctggggcaga gagagaccag tccccagcca tacaatagca 120
 gcaaggggaa gacccacccc cacagatgct ctgccccagc cttcccaga gaccttaaat 180

aatttaaata	gcagggatgg	cggagggcag	gttgccctttg	gtgtctgccc	aatgctaaga	240
tgagggggcag	cgccggccca	gcctcagcct	cgggcagggc	tctggggctg	ctgcagggct	300
gggaggtatt	tgagggcagc	agcccatgg	tggcgggaca	agtcctggtg	gaattcgtcc	360
ttgagggcct	ggaggcagtc	acgataagtg	gggctggagc	ggaagcggga	gatgtccagg	420
cttgagcgt	ggggcagatg	gatggtgaag	gcctcgggca	gcaccaggag	ctcatattcc	480
tgggcatcca	gctccacaat	gtgggccact	ttgttccagc	cgaagcccac	aaagcgagga	540
tcatagcggg	gacagtctcg	tggcaccacc	acgtagggtt	catagttagg	cgccatttgc	600
acacggtacg	gggcctgagc	ctcccgccag	cgggcatagt	ctgtgggtgc	gtggcctcgg	660
ggccactcgt	ggtacctgaa	ggtgtagaga	gtgcccgcct	ccagcaaggc	caacagctcc	720
accttggaat	gggggaagct	gaagcggtag	cgcagggtct	caaagtccgg	caccaccagt	780
gctgccttgc	gccggctgcc	cagccccagc	tgctcaatgg	aggccctgag	gtagtcgtag	840
agagaatagg	caggcaggaa	gtcaatgtca	ctgaggaaga	cgtaaggcgt	gagggcctgg	900
gccaaggcca	cgttgcgaag	ctggttgacg	gggtataggg	ggctggctgg	ggcacacaaa	960
gagcctcgtg	cc					972

<210> 4228
 <211> 2671
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (15)...(1099)
 <223> similar to gi4689328 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4228						
cccacgcgtc	cgctttgact	ccagtcgtgt	gtatgctgtc	tgcaattgcc	ttttcaaattg	60
tttttgagca	ctatttgagg	gatgacatga	aaagggaaaa	tccacctgtg	gaggacagca	120
gtgatgagga	tgacaaaaga	aaccaaggaa	atttgtatga	taaggcaggt	aaagtgagga	180
aacatgcaac	tgaacaggaa	aaaactgaag	agggattagg	ccctaataata	aaaagcattg	240
tcaccatggt	gatgctgatg	ctattgatga	tgtttgctgt	ccactgtacc	tgggtcacaa	300
gcaatgccta	ctctagtcca	agtgtagtcc	tggcctcata	caatcatgat	ggcaccagga	360
atatcttaga	tgatttttaga	gaagcttact	tttggctaag	gcaaaatata	gatgaacatg	420
cacgagtaat	gtcttggtgg	gattatggct	atcagatagc	tggaatggct	aatagaacta	480
cgttggtgga	taataacacc	tggaataaca	gccacatagc	actggtggga	aaagctatgt	540
cttctaata	aacagcagcc	tataaaatca	tgaggactct	agatgtagat	tatgttttgg	600
ttatttttgg	aggggttatt	ggctattctg	gtgatgatat	caacaaattt	ctctggatgg	660
ttaggatagc	tgaaggagaa	catcccaaag	acattcggga	aagtgactat	tttaccctac	720
agggagaatt	ccgtgtagac	aaagcaggat	cccctacttt	gttgaattgc	cttatgtata	780
aaatgtcata	ctacagattt	ggagaaatgc	agctggattt	tcgtacaccc	ccagggtttt	840
accgaacacg	taatgctgag	attggaaata	aggacattaa	attcaaacat	ttggaagaag	900
cctttacatc	agaacactgg	cttggttagga	tatataaagt	aaaagcacct	gataacaggg	960
agacattaga	tcacaaacct	cgagtcacca	acattttccc	aaaacagaag	tatttgtcaa	1020
agaagactac	caaaagggaag	cgtggctaca	ttaaaaataa	gctgggtttt	aagaaaggca	1080
agaaaatatc	taagaagact	gtttaaatgc	actgttctgg	ttcctaactt	gaagcagttg	1140
tccttgtagg	aaccggtctt	tgcccttagc	tcattgtcgtg	tttcacagca	aagaggggtac	1200
agaacatca	ctggtccagg	ttaatgtaca	aaattttctg	gcaatgcctg	attaaaaaaa	1260
taaaattggc	ttgttgagaa	cagctgtttt	cgattttctaa	tgtgaagcaa	gacagagcac	1320
tgctgtaaat	gtctagcagc	agattttttt	tttattggta	catattatcc	ttcaaattctg	1380

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agaatttggga ctaactgcac caaagaaccc tctaatttgg tccctggcac atgcatactt 1440
gtcaatgttt ttattctttt acaagacctg cattttattt gaattacccg aatagcaata 1500
tgtaaaatac aagtgacaaa atgtgatgag agcttcttga accggtaaac tagtacaggt 1560
ctgagaaaaga catattagaa gaatcattat acttccttga attatattta ttttcatgtt 1620
tctctaattgc aaagaatgtt tcatcaaattg tatattttct gttgcttact gtttgctctg 1680
agaagaagct gctgtttcaa agatggacct ctgagtagct aattgattca agtagttttt 1740
ttatgttgac acattattac tgctgttagc agtcgttttc accagggtact tacagagcag 1800
atbtcataca tcattcattc aagggctaaa tttatatattt ttggaaatca tggcaactac 1860
acaggatgtt gcttaccagg acggagtgtt ggtatcttag tactgaagtt agcactatgt 1920
ttacatgcaa aagattaagg aaaaaaccct taaagtggac aggtatccaa agttcatttt 1980
ctgtgactca tcaaagtgc aaaagacttg taacaacttt gcctggactt ttttcatttt 2040
acaacagttc atccattcac aatgattttg ttctctgtc catatttttt aatcccttaa 2100
gcatttgatg aaacactctt tagtgctata tgcattttct tacttttggt aaaaatgtga 2160
caattgtcaa aaaatgcact aaaatgtaaa tggagattga acaagttcac tttccagctt 2220
ataggcaact ttatacagac ttgaacattt tctccagttg ttagtaaaaa gtgaaagaga 2280
aagggttttt cctgccacag gatataactt ttttttatat aacaagcata acacaccact 2340
gcttttggtg gaaaagtgc gaatagtatg taccttttat gaagaaaaat gtaatttaca 2400
atattcagtg agaattgtac tgctgatttt cttttccaag gtgtagaata ttctttgatt 2460
tatagaattc atttttgacc cagatgatgg ttcctttaca gaacaataaa atggctgaac 2520
attttcacaa atagagtgtg acgaagtctg gatttctgat accttgatcat ttgggggatt 2580
ttattttact ttgttgcttt aaaattcaat gcagagaagt tgttgactgt aggggaaata 2640
aagttaattc aaattttgtg tcaaaaaaaaa a 2671

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<210> 4229

<211> 391

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (249)...(313)

<223> similar to gil81395 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4229

```

ggcacgagag cacatcatca gtaacatcac tgtcccccca ttgcaagcag caaccgtgac 60
tgtaccttcc tttcccctgc atggatgtgg ggtctcattc attcattatt cccttcctaa 120
atcatgcagg gtttgggcag ggtggcctgc ggggagcaga gagaaggcgt ccattgcccc 180
ttgcactagc tagagacaca cccatctgcc ttcttccatt tacctttctg cctgggggtt 240
cctttcagat tccccacctg aaaaggggac acattgagga ctgtgggcac tggacacaga 300
tggacaagta aggagggttg gggctcctgg ggtcggggag agcagggccc cccgttcacc 360
ttccataaaa gctttcctgg tttcattgtg c 391

```

<210> 4230

<211> 1054

<212> DNA

001210 "0100" 00400

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1047)...(965)

<223> similar to gil418942 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4230

tttttttttt	tgactggata	tcatctttaa	ttaataatgc	cacagcccaa	tgtctttttt	60
gttgctgtag	caaattgtga	ttgtgtgtgc	gtgtgtgagt	gtgtgtgtgt	gtgtgttctt	120
gaacagatga	agggccagca	gagactccca	agcaggctctc	agccaacaac	tctgttgagc	180
agcaactgga	agatagtctc	catagaggca	cagaggccag	acttctgcct	cctatgggca	240
ttgatccttt	ctcctgggcc	acctttcgtg	cattgagggc	aaggctgagg	cctgtaccag	300
cccagattaa	aggacttcta	agcacaggtc	agcctccagt	tcccagtact	cactggcctc	360
tgaccagagg	gatgccctgg	gtagagtata	gacttccagg	cagagggtgga	taacctgcgc	420
tggccttggt	cccatgtcat	actggggcag	caccacaatg	gccagccct	ggcagaaaat	480
ccagagctac	tggagccact	tgattgatta	ctttcagaga	taatcaggat	gtagcaaagg	540
ccttttttgg	ggccagctgg	agaaggccag	actcagcttg	tggggggccac	aggaagttgt	600
ctccaaccca	aacttaaaag	cctgcccctct	tgccatctcc	attctccaat	tcctcaaagt	660
cccagtaggt	ccacagccca	ggcatggcag	catagtgtca	gcgtgacagt	gggttggaag	720
ataacatga	gagacctggg	ctgaactgga	cctgcggcca	tatgtcagcc	tgaaaccagc	780
cctttccccc	atggtcaatg	ccagccagag	ctctctgaag	ccggatggga	ccccccacag	840
gcaaggcagc	aagttcttgg	cctagtgcag	agggagaaaa	ccaaactggc	tccactgtcc	900
catctccatc	tgctctgtgc	cttatgaagg	caagaagccc	aagtccccag	gacggcggta	960
tcagctgttg	gggaagcacc	gttgtccagg	tgaggcctcg	ggccggaagc	tgtgtttgtt	1020
cagggggcct	gggtagtaag	tagtcgctcg	tgcc			1054

<210> 4231

<211> 1532

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (209)...(436)

<223> similar to gil389694 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4231

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caaattggcca	agccagcagt	acgtagtgtg	tgctaattga	cgaagccata	aggtagccat	120
gatgtggcag	gggagggagg	gaggctgagg	ctggtgggct	ggaagctgcc	tgtgacctcc	180
tcccgccccc	actgtgtccc	tgtcccccca	ggtgctgcgg	ctgctcatca	cggcctggga	240
gagaagactc	atcttcacta	tcggcacgct	caacaccacg	ggcagatcgg	acaccgtggt	300
gtggaacgag	atccaccaca	agaccgagtt	tggatccaac	ctcacgggcc	acggctaccc	360
ggacgctagc	tacctagaca	acgtgctggc	tgagctcaca	gccagggcg	tatccgaggc	420

004872.01100

tgcagccaag	gcttgaggcc	caaggctgcc	caccttccct	cctgctttgc	ccctgggccg	480
gcaaatacct	ccttcgccag	gtgtgtcctg	gtagcccagg	ttcagggctg	gggaggagcc	540
tgcggaagg	gccgcagcca	ttcaggggac	ctgcctgggtg	gcagctggga	tgaagagaga	600
tggcatgtca	ggctggcccc	gaatcatagc	tccctgagag	ggccaagcag	agagtactgg	660
aaacctccct	acaaaaaaga	cagagacccg	ccccctcaca	cacaaacaca	catgtcctgt	720
tgaactcatg	cacgcacacc	cacgtgcctg	tacttgcccc	caggctggaa	gagaagagac	780
agaaagaccc	catgaccccc	ccatgtggat	ccccatctgt	gtctcagttg	catctgtaca	840
gccttgtctg	caaactggag	gatgcggggc	aagcccttag	gggcctgcca	gggctcgggg	900
ggcaaagagg	gactcgggaa	actcagtgtg	ccccagatgc	ctcacccatt	ccgtgtcatc	960
acccatgtct	gccacccact	gattgggcaa	ttgtggggcc	atgggggtga	agccccaga	1020
tgactgagca	gttctacaaa	aaatggccag	cacgagcggg	gactagaggg	tcctgatttt	1080
gtgtctgtgc	ctcttcatct	ctctggactc	tgatctcctt	ctcccttccc	atctccaggc	1140
cttctgtctg	tcccagataa	aggcgtgtt	ctccatcct	ccctacccca	tcctctccac	1200
caaatcgctc	ccaattttga	gagccaaagg	ctggcgcttc	tgacttcagg	agcgaaagga	1260
ggaggcctag	tttggggccga	tgtattttta	agcagagtgg	acagcagaga	gtcaatttcc	1320
ctttcgttgg	gagtgggcag	tggggtggct	aattgtcttc	ggccaaccca	ggggcctggt	1380
gcccaggcaa	ctcaccagct	ccgcctctgc	tgattggctg	ccacggtggg	agtcagccaa	1440
gatttaaagg	gatgccagcg	attgctcttt	tcaaaacctt	ccagtccac	tgtgggtgga	1500
gaaataaatg	gtctttctcc	tcaaaaaaaaa	aa			1532

<210> 4232
 <211> 3109
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (14)...(2619)
 <223> similar to gi940536 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4232						
gggtggtggaa	ttcgggtactc	cgagcactat	gtcgtccccg	gcgtcgaccc	cgagccgccc	60
cggcagccgg	cgtggaagg	ccacccccgc	ccagacgcct	cggagtgagg	atgccaggtc	120
atctccctct	cagagacgta	gaggcgagga	ttccacctcc	acgggggagt	tgcagccgat	180
gccaacctcg	cctggagtgg	acctgcagag	ccctgctgcg	caggacgtgc	tgttttccag	240
ccctcccca	atgcattctt	cagctatccc	tcttgacttt	gatgttagtt	caccaactgac	300
atacggcact	cccagctctc	gggtagagg	aaccccaaga	agtgggtgta	ggggcacacc	360
tgtgagacag	aggcctgacc	tgggctctgc	acagaagggc	ctgcaagtgg	atctgcagtc	420
tgacggggca	gcagcagaag	atatagtggc	aagtgagcag	tctctaggcc	aaaaacttgt	480
gatctgggga	acagatgtaa	atgtggcagc	atgcaaagaa	aactttcaga	gatttcttca	540
gcgttttatt	gacctcttgg	ctaaagaaga	agaaaatggt	ggcatagata	ttactgaacc	600
tctatacatg	caacgacttg	gggagattaa	tgttattggg	gagccatttt	taaatgtgaa	660
ctgtgaacac	atcaaatacat	ttgacaaaaa	tttgtacaga	caactcatct	cttaccacaca	720
ggaagtattt	ccaacttttg	acatggctgt	caatgaaatc	ttctttgacc	gttaccctga	780
ctcaatctta	gaacatcaga	ttcaagtaag	accattcaac	gcattgaaga	ctaagaatat	840
gagaaacctg	aatccagaag	acattgacca	gctcatcacc	atcagcggca	tgggtgatcag	900
gacatcccag	ctgattcccc	agatgcagga	ggccttcttc	cagtgccaa	tgtgtgccc	960
cacgacccgg	gtggagatgg	accgcggccg	cattgcagag	cccagtgtgt	gcgggcgctg	1020
ccacaccacc	cacagcatgg	cactcatcca	caaccgctcc	ctcttctctg	acaagcagat	1080

gatcaagctt	caggagtctc	cggaagacat	gcctgcaggg	cagacaccac	acacagttat	1140
cctgtttgct	cacaatgatc	tcgttgacaa	gggccagcct	ggggacagag	tgaatgttac	1200
aggcatctat	cgagctgtgc	ctattcgagt	caatccaaga	gtgagtaatg	tgaagtctgt	1260
ctacaaaacc	cacattgatg	tcattcatta	tcggaaaacg	gatgcaaaac	gtctgcatgg	1320
ccttgatgaa	gaagcagaac	agaaactttt	ttcagagaaa	cgtgtggaat	tgcttaagga	1380
actttccagg	aaaccagaca	tttatgagag	gcttgcttca	gccttggctc	caagcattta	1440
tgaacatgaa	gatataaaga	agggaatttt	gcttcagctc	tttggcgggg	caagggaagga	1500
ttttagtcac	actggaaggg	gcaaatttct	ggctgagatc	aacatcctgc	tgtgtggcga	1560
ccctggtacc	agcaagtccc	agctgctgca	gtacgtgtac	aacctcgctc	ccaggggccca	1620
gtacacgtct	gggaagggct	ccagtgcagt	tggcctcact	gcgtacgtaa	tgaaagaccc	1680
tgagacaagg	cagctgggtcc	tgacagacag	tgctcttgct	ctgagtgaca	acggcatctg	1740
ctgtatcgat	gagttcgaca	agatgaatga	aagtacaaga	tcgggtattgc	atgaagtcac	1800
ggaacagcag	actctgtcca	ttgcaaaggg	tgggatcatc	tgtcagctca	atgcgcgcac	1860
ctctgtcctg	gcagcagcaa	atcccattga	gtctcagtgg	aatcctaata	aaacaacctat	1920
tgaaaacatc	cagctgcctc	atactttatt	atcaagggtt	gatttgatct	tcctcatgct	1980
ggaccctcag	gacgaagcct	atgacaggcg	tctggctcac	cacctgggtc	cactgtacta	2040
ccagagcgag	gagcaggcag	aggaggagct	cctggacatg	gcggtgctaa	aggactacat	2100
tgccacgcg	cacagcacca	tcctgcccgc	gctaagttag	gaagccagcc	aggctctcat	2160
cgaggcttat	gtagacatga	ggaagattgg	cagtagccgg	ggaatgggtt	ctgcataccc	2220
tcgacagcta	gagtcattaa	tcgcttagc	agaagcccat	gctaaagtaa	gattgtctaa	2280
caaagttgaa	gccattgatg	tggaagaggg	caaacgcctc	catcggaag	ctctgaagca	2340
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tgccacctct	cgtaaacgga	aagaagaatt	agctgaagca	ttgaaaaagc	ttattttatc	2460
taagggcaaa	acaccagctc	taaaatacca	gcaacttttt	gaagatatcc	ggggacaatc	2520
tgacatagca	attactaaag	atatgtttga	agaagcactg	cgtgccctgg	cagatgatga	2580
tttcctgaca	gtgactggga	agaccgtgcg	cttgctctga	agccttgtag	gcaaggaagg	2640
ctccctgcat	gtcctgcttg	ctgcacgcc	catgggtgtg	gtctgcatct	cagttggccg	2700
ccatcagtgt	aaatagagct	taaagtcagt	gtttggctgc	ataaaaaatt	tctaacttgg	2760
gttcaatatt	tgtagtgaag	tatctgtttt	catttttttc	acgttataaa	taaaaatact	2820
atgctggccg	ggcgcggtgg	ctcacacctg	taatcccagc	actttgggag	gccaatgtgg	2880
gtggatcatg	aggtcaggag	ttcaagacca	gcctagccaa	gatggtgaaa	ccccgtctct	2940
agtaaaagata	acaaaaaatt	agctgggctt	gatggcatgc	gcctgtaatc	ccagctactc	3000
gggaggttga	ggcaggagaa	tcgcttaaac	ccaggcgcca	gagggttgag	tgagccaaga	3060
tcgcgccact	gcactccagc	ctcagcaata	gagtgagact	gtctcaaaa		3109

<210> 4233
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(208)
 <223> similar to gil770466 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4233						
gaaaaaatg	atgtttctga	gaataatcgg	aaaagggaag	aaataccact	ggatttttaa	60
accatagacg	atcacaatac	caaggaaaac	aaacagtcac	ttaaagaaag	gagaaacacc	120
agagacgaaa	cggatacttg	ggcatacatt	gctgcagaag	gtgatcagga	ggtttttagac	180

```

agcgtgtgcc aagcagatga gaattcagat ggcaggcagc agattctgag tttgggcatg 240
gacctgcagt tggaatggat gaagttggaa gatttcctga agcaccttga tgggaaagat 300
gagaattttg ctgcaacaga tgcaattcca agtaatgtgt taagggatgc tgtgaaaaat 360
ggggattata ttactgtaaa agttgcactt aattcaaatg aagaatataa cctggaccaa 420
gaggattcca gtggaatgac actggtgatg cttgccgccg ccggagggca ggacgacctc 480
ctgcgactcc tcatcacaata aggcgcgaaa gtgaacggtc ggcagaagaa cgggaccacc 540
gccctcattc atgctgcaga gaagaacttt ttaacaacag tggctattct tttggaagca 600
ggagcttttg taaatgtcca gcaaagcaat ggtgagactg cactgatgaa ggccgtgtaa 660
agaggaaatt cagacatcgt acgactcgta attgaatgtg gagctgactg caatattttg 720
tcaaagcacc agaatagtgc cctgcacttt gcgaagcagt ctaacaatgt gcttgtgtac 780
gac 783

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```

<210> 4234
<211> 349
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (10)...(161)
<223> similar to gil871136 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 4234
ggcacgaggc cttctggaga agagcagaga tacacatgcc atgtacagca tgaggggctg 60
ccgaagccgg tcacctgag atgggagccg tcttccagc ccaccgtccc catcgtgggc 120
attgttgctg gcctcgctgt cctcgccctt ctcttcctgg aaccccgctc gtcgttgact 180
tcgtggctgg agatgttccc taggcccata tcaccgctaa tggctgaatg gtgtagttaa 240
cgcccctgaa ctccctcttg ccttgactaa aaattctgga gctatcattg tcattttcag 300
acgtatgcta cgcccagctc tgcttttgca ccttattcct tgggtggtag 349

```

```

<210> 4235
<211> 3076
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3077)...(457)
<223> similar to gi5262605 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4235

```


ttttttttt	gggttatacg	gaccatttaa	tgctttttcc	actcacatgg	tttcaacttt	60
gggcttattt	gccaaaatct	aggatggaaa	agtccagtta	tgaacatggt	cctcccggct	120
ggattttgat	cttgaagaca	ctaaacccaa	tttcagagca	tatttaaatcc	tgggctattg	180
ctgaggccga	cttagaagag	acaaagttag	atgcgaaaga	ggagaatttt	tatgatagtt	240
tgtacgttac	aaatacccaa	gaaactattt	tctttacacc	attattgcca	tgactttttg	300
tggacagtgt	cacataactg	taaagtccag	gctgctcggg	tctgacccct	acagacctgc	360
catgttgaag	cccagctttt	tcgctcccgc	acaggtaaga	agctgctgat	cttctgcaga	420
cccgccatgt	tggggcccag	ctccccacgc	caagtcagaa	gctgctcatc	ttctgcaaca	480
gggtttggcg	ccgtttcttca	gggccgatgc	cctcagcaat	ggactttaag	aagcactgct	540
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aggtgagggt	ttccaaggct	aaaacgtaga	gtggctcaca	gacctccggg	tggagcatgg	660
ccatgatgtg	cagagcatgg	cagaacacct	gggtgtaaag	aaacagggtc	tcctgggtca	720
ggtcctgttc	tggtccttga	acccaagggc	cagctgcctg	tatcgccctg	actgagtcca	780
ggaggcggtg	cagactgcca	cagaggaggt	tgaccacgtg	gttccagcct	tccagaggaa	840
gccatttacg	acagctatgg	ctgcagagaa	actggaaagt	cctcagggaag	aggacggaga	900
gttgcaactc	ctgggcaaag	ggcttcaggt	tgagcagggg	aacaaactga	atatattcca	960
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ccccgtaccc	tgggtggggc	tgggaggtcc	actcgtcttc	tgaagcttta	cagatctcaa	1260
aaagtgtggc	tggcacttca	cacttgaagt	gcccctcgaa	gaagctcttc	agcctcaggc	1320
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catccgggga	gaagggtctca	gcattggctg	atacaatctc	acacaggagc	tccaggatat	1440
ggatcgctag	atccttcccta	tccaaagaga	ggcaccgctt	ctccttggga	agctgccagt	1500
atgtgctgaa	gcggtccaag	agctggcaca	agctgaagag	gagtggaaac	ggggagcagg	1560
tctggagcca	gtattcctct	cggcacgcgt	ttgcctctag	agtctggatg	aagatcctca	1620
gactgagggtc	tacctcttca	acatctaacc	tcaagaaagg	caggacaaat	tccttcagca	1680
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cggtttcttt	gaggcatgac	accatgaaag	tggcagatga	attgggaccc	tgctcttcca	1860
caaacctaag	ggcagggaag	gcagtgaaga	tctggcccag	gaacttgtgg	gtgccgagat	1920
tgaccacagc	caggctgcac	attttcttca	ccgtgacttc	cgggtgcact	atgaccaggc	1980
gggccacgga	ggccacagct	tttgccaagc	cctgttcgga	ggcactctga	gtgagctggg	2040
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ggccctttcg	cccccaggaa	cgcaggatag	ctgcaaggac	tttattttta	cctggcaggg	2160
agaggctctgc	gtaacattcc	aggatcaggt	ggatcacctg	ccggatctga	gactcaggga	2220
tggctctgtc	agctgtgctg	acgtctatca	ctgtttccag	cagcctcaac	accaagtctg	2280
gctctcggaa	gagggccctg	ttactcccca	ggcaggctac	ccactcgtcc	gagaaggccc	2340
acttcttctc	agaggcaaaa	atgtagcaca	cttccatatg	gcggtccatc	ttctgctgga	2400
tgacggccat	ggcaatggaa	gctgtgatag	cctccaaggc	cctgttcttc	agcacctgtc	2460
tcgttttctc	caggaagtcc	ctgacacact	ccgccagctc	agaggccacc	tgctgtcct	2520
ccttgacag	gctgggtcgg	ttcaggtaga	gcgtcgcgtt	ctggctgaag	gaagtgcagc	2580
tgctgcacag	ccggtagctg	tcgtaacttg	tcccctggct	gctgcggagc	acggcctgca	2640
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ctgccagcgc	ctgctggtgg	tagggattct	gggtgtccga	gttccacaca	gagatcaccg	2820
tggccagtgt	gtccagatag	acgggttcag	acacctcctg	ggggtcgtcc	tctgtcagcg	2880
caaacacagt	cagcatgtca	gccagggttg	ccagcgcaca	gcacttctc	cccggggcca	2940
ggatccgact	ctggatctgt	gtcagccgc	ggagcagcat	ggccaacagg	ggcatggtgg	3000
ggcacgcgtc	tgggtctgac	ctaagcctct	ttggaggatg	ggggaactca	tctaaggcag	3060
gcaggtactt	atgggc					3076

<210> 4236
 <211> 1171
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(955)
 <223> similar to gi3063517 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4236
 ctcaaccgca agactcctgg gatagttttc ctctttttcca actgcttaat aatttcctcc 60
 gaaatgacac actttttgtgt aatggaaaat ttcacaaaca cttgcaagaa atctttgtac 120
 ccttggttgt ccgctatgtg gatctcatgg agtcttccat cgcccagtca attcacagag 180
 gttttgagca ggagacatgg cagcctgtca agaatatcgc caacagtctt cccaatgtag 240
 ctcttccaaa agttccaagt ctgcctctta atcttccaca gattcctaac atttctactg 300
 cttcgtggat gccttcttta tatgagtcca ccaatggctc agcaacatca gaagaccttt 360
 tttggaagct tgatgcactg caaatgtttg tctttgatct gactggcca gaacaggaat 420
 ttgcccacca cttagagcaa agacttaaac taatggccag tgatatgcta gaggcctgtg 480
 tcaaaagaac aagaactgca tttgaactca agctacaaaa ggcaagcaaa acaactgact 540
 tgcgcatcc agcttccgtt tgcactatgt ttaatgtatt agtcgatgcc aaaaagcaaa 600
 gcaccaaact ctgtgccctg gatggaggac aagagtttgg tagtcaatgg caacagtacc 660
 attcaaaaat agatgatctg atcgacaaca gtgtaaaaga aatcatttca ctgttagttt 720
 caaagtttgt ttcagtgttg gaaggcgtgt tgtctaagct gtcaaggat gatgaaggca 780
 ctttcttttc atccattctg tcattcactg tgaaagcagc tgcaaaatat gttgatgttc 840
 caaaaccagg aatggatctg gcagacacct atattatgtt tggtcggcaa aaccaagata 900
 ttcttcgaga aaaggtcaat gaggaatgt atatagaaa gttatttgat caatggtaca 960
 gcagttccat gaaagtcatt tgcgtgtggt tgactgatag attagacctc caactccata 1020
 tttaccagct gaagacgctc atcaagattg tgaagaaaac ctacagggac tttcgattgc 1080
 aggggtgtgtt ggaaggaaca ctgagcagtg ggacttatga tactgcgcac agacgttta 1140
 caggaaagga gggcacagcc tctgtttcaa c 1171

<210> 4237
 <211> 1116
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(156)
 <223> similar to gi4512103 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4237
 aaaaatcaga agggaacgag aaaagtgaag atgctgaagt tttggatgcc acaccttctg 60
 gtattatgaa gacagataac acagaagttc ttctctctgc tgacttcact ggagcaatca 120

```

aagtgtttgt taataaaaga aaaaatgtat cttaatttga aatggcattt aaaataaaca 180
tatcagtaag tttctatatg tatcaaaact gaaaaaatag tgttccaggc taacatactt 240
ttttaatttt tattgaaagt tgttcaaata taatatattt tttgagaggc agtggttaatg 300
atctaggaaa ccctgggctg atagagtaga aaggaatatg gctagaataa cattgccaaa 360
cattaggcct tatgttttgt tatgttttgt ttttcgttgt ataattatga acatgcacaa 420
gtttctgcat gaaaagatat taatatatta atcacatgta tgtgcctttt gggttacatgc 480
attaaatcta acagagttaa attatttcag tggctccttt ggccctcttac taggggggat 540
agtcttgctt ctagcttaaa caattttttt tttgcacaaa atttcatttt taataaaagt 600
ggtatctttt gactgagtta ttgttttgaa aatggtatat aggtttccag taggtcaaca 660
accatatgta aatggttttt ataaatttct caattggggg acaagatttt tttgtggtct 720
aaattgtggg gcttaagatt cttttcttta tatgtgtaca tataattttt ttttctttgc 780
cacactggag cacaatgttt ctatgtaaag aattattttc attctttatc catgagcacc 840
aggctttgct cacttaaaaa aaaattaagc cacattaagg agtgagtctt cttttttaca 900
ataatgtaaa aattaaactg tttacatttt tttaaagcat tgtagttttt aaaaattaag 960
ctgttttgtt ttgtgttgtt gaatttgaaa gcctttgtaa atatcaatat aatgtaccaa 1020
tgaaaataaca tctggggcaa tgaaaccctg atcatgttgt tgatgggttag catatgtttc 1080
tgaaaattaa atatgtatta ttaaaagttg gtctcc 1116

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<210> 4238
<211> 1016
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (658)...(362)
<223> similar to gi505104 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 4238
ttttttttta acataacacc agtgttttatt ggaagcacaa gcttctttta ttttaaaca 60
aacaaaacca aaaacaaaaa accaatgagg ctaccaaaca ggcatcttta tttgtaaca 120
gcttaacact gaaaataaaa ataagactat gaaagaaca tacactctcc attcttctag 180
aatcagaact tagcatgtca ttatgactta agagtacga gagatgcacc actgaagaag 240
tgtattgtca acctttcatg ctcaatttag ctagtcctct tgacaaatta accttacaga 300
ataccacaca aaatggtgat tcctcaactc atattagctc aaattccata cacaaacaca 360
cctcctcttc ttcatacagt ctcttcctct atggcacatt agaagcactt tttgtctcct 420
cccctaaagt agaagcatca ccattagaag cctgggttcc ttgttctgct tcccactcct 480
gcaatacctc ctctaagtta aaccgacgcc tgtagtttac aaagaagttc ttcacttggc 540
caacagtctt gttgccaatt acatctgcaa tagcttgaaa atctttacca tatttgcgga 600
caccttgcac tgctagaagc tgctcctctg tggccaacg ggcattaatt ttctgatttg 660
actacaaaat taaagagaag tttcctaatt aggatatgaa gacagacatt ttccaaagcg 720
cttatttttt taaattttca tcaaatcaca gacatgagat tactacaact ctgattcatg 780
aagattccat ttttagaaag attaaaaata tatattctga gttacctttt acccatgcag 840
aaagataatg aaagggaaat gtaccaattt gcaagaagga gcaacattcg catttatgct 900
ctaattaccg atatcgcccc atgagaaagt ctattagttt cacatttccc aaaagggttt 960
cactgtgtag cagcactggg ctgcgtttcc tgccgtaagc tcggcgaatc tcccc 1016

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<210> 4239
 <211> 843
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (334)...(460)
 <223> similar to gi5679136 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4239
 tttttttttc aaggtaatta acctagatat ttatttgtat cactgctgtg tgactgtcaa 60
 gtatttgtca ttagtttgta cacacacca gccctactct caaataagac aaagagatga 120
 atatactgca agtgtgtgta caccatgggg aagggtgga ggtgtgtgag cactatagga 180
 cctataggca gcctgtaatt gtcacacac atggacagag ggattaagaa ctctgtaatc 240
 accaagatcc ccagaattgt taacaacttg tcttccagat agttttcatc aaagatgcta 300
 ttatttccagt ctcttctttt tacttttttag gtggtccgag acattctgct gattggacat 360
 agacaggctt ttgcatgggt tgatgagtggt tatgacatga caatggatga agtccgagaa 420
 tttgaacgag ccactcagga agccaccaac aagaaaatcg gcattttccc acctgcaatt 480
 tctatctcca gcatccccct gctgccttct tccgtccgca gtgcgccttc tagtgctcca 540
 tccaccctc tctccacaga cgcaccgaa tttctgtccg ttcccaaaga tcggccccgg 600
 aaaaagtctg ccccgaaaac tctcacactt ccagaccctg agaaaaaagc caccctgaat 660
 ttaccgggca tggcactctt cagataaggc catgtcggcc caaatctgag taactttata 720
 taaatatctc atggggggtt tatattttca tttgttgttg ttgttttttt ttaaggaatc 780
 ttctgatagg ggaaaaagac tgctttgtca ttcaaacatg ttccttcgac cttaaaaaaa 840
 aaa 843

<210> 4240
 <211> 2736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2737)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1)...(1657)
 <223> similar to gi2204213 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4240

ctcacaaaat	gggatctctt	tggtaatg	tacagattat	tgaagactgg	aattgaacat	60
ggagccatgc	cagaacaggt	agtcgtgcaa	gcactgcagt	gttcccatta	ttcgattctt	120
tggcagttgg	tgaaaattac	tgatgggtct	ccttccaaag	aggatttggt	ggtattgagg	180
aaaacggtga	aatccttttt	ggctgtttgc	cagcagtgcc	tgtctaattgt	taataactcca	240
gtgaaagaac	aggcttttcat	gttactctgt	gatcttctga	tgatttttcag	ccaccaatta	300
atgacaggtg	gcagagaggg	ccttcagcct	ttggtgttca	atccagatac	tggaactcaa	360
tctgaactcc	tcagttttgt	gatggatcac	gtttttattg	accaagacga	ggagaaccag	420
agcatggagg	gtgatgaaga	agatgaagct	aataaaattg	aggccttaca	taaaagaagg	480
aatctacttg	ctgcttttcag	caaacttatc	atztatgaca	ttgttgacat	gcatgcagct	540
gcagacatct	tcaaactacta	catgaagtat	tacaatgact	atggtgatat	tattaaggaa	600
acactgagta	aaaccaggca	gattgataaa	attcagtggt	ccaagactct	cattctcagt	660
ttgcaacagt	tatttaaatga	acttggtcaa	gagcaaggtc	ccaacctaga	taggacatct	720
gcccattgtca	gtggcattaa	agaactggca	cgtcgctttg	cccttacatt	tggaattggac	780
cagattaaga	cacgagaagc	agttgccaca	cttcacaagg	atggcataga	gtttgcattt	840
aaataccaaa	atcagaaagg	acaagagtat	ccacctccta	atctggcttt	tcttgaagta	900
ctaagtgaat	tttcttctaa	acttcttcga	caggacaaaa	agacagttca	ttcataccta	960
gagaaattcc	ttaccgagca	gatgatggaa	aggaggagg	atgtatggct	tccactcatc	1020
tcctatagaa	attcattagt	cactgggggt	gaagatgata	gaatgtctgt	gaacagtggg	1080
agtagcagca	gcaaaacctc	atcagtaagg	aataagaaag	gacgacctcc	acttcataaa	1140
aaacgagtag	aagatgagag	tctggataac	acatggctaa	acaggactga	caccatgatt	1200
cagactcctg	gccccctgcc	agcaccacaa	ctcacatcca	ctgtactgcg	ggagaacagt	1260
cggcccatgg	gagaccagat	tcaagaacct	gagtctgaac	atggttctga	accagacttt	1320
ttacacaatc	ctcagatgca	gatctcttgg	ttaggccagc	cgaagttaga	agacttaa	1380
cggaaggaca	gaacaggaat	gaactacatg	aaagtgagaa	ctggagttag	gcatgctgtt	1440
cggggtctaa	tggaggaaga	tgtgtgagccc	atctttgaag	atgtgatgat	gtcatcccga	1500
agccagttag	aagatatgaa	tgaagaattt	gaggacacca	tggttattga	tctgcctcca	1560
tcaagaaatc	ggcgagagag	agctgagcta	aggccagact	tctttgactc	tgcagctatc	1620
atagaagatg	attcaggatt	tggaaatgcct	atgttctgaa	gtctgaagaa	aatttacaaa	1680
tctggaactc	tattatttag	agctagaggc	ctatatactg	tgatagcttg	tatggggaaa	1740
aacacttttg	atgtgatctg	atttggtttt	taatcaaatg	attaagggtca	atcccttttt	1800
gcagtgcag	aagaggagca	tgtaaattac	ccaagggaat	gttgggtgaat	gtcaactcag	1860
aaagactgac	ctgaaaatca	tttgtgtcct	actattggac	ttatcccaat	acagatgtgt	1920
gtgtttttct	ggaggaggga	agaaatttta	aatttttaaa	acagctgtca	agataaacac	1980
tgtttatacac	ctgttttatg	aaaactcaac	attgagtaaa	aaaaaacata	tttttaactt	2040
tatttttctg	ttgtacaatt	taaaaaccgt	tttaacattt	tgccttttta	tgttttaaaa	2100
gctaaccatt	tttattaaac	ctatgaggta	aggcaggctc	atcctaattg	cgaagagtgt	2160
tttgggagtt	cactggggat	ttgggttgga	cctttgtggg	ggacnacaaa	taatgaagga	2220
gcagaacatt	gacaagctaa	gatggaaatt	ccctgaccat	aggtagcatc	ctcctgccca	2280
aaaaccacaca	caccctctg	tggatatgga	tatgaattcc	ccccagattt	tatanacctc	2340
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cagtgcattt	tctattggta	tttgttctgt	gcatttttag	caacttctac	cagcaaataa	2520
agtattctca	gtaaaacgaa	aatgattctc	aagttatcag	tttgtctgtt	ttaccactt	2580
atttcatgcc	ctgccaatt	caagttacac	agacttccat	tttcttaaga	taatcaatca	2640
tgaagaaatc	ctttatcaat	cattcaaaag	taattttaag	tgtaacataa	ctgtgattac	2700
ttcccatgca	cttaataccc	ttatgcgcta	attttg			2736

<210> 4241
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (3)...(421)
 <223> similar to gi3413860 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4241

gctccaagga	tcattacatc	aaaatgtttg	atgttacaca	aggagctctt	gggactgcga	60
gtcccaccca	caattttgaa	ccccctcatt	atgatggcat	agaagcacta	accattcaag	120
gggataacct	atttagtg	tctagagata	atggaatcaa	gaaatgggac	ttaactcaaa	180
aagaccttct	tcagcaagtt	ccaaatgcac	ataaggattg	ggtctgtgcc	ctgggagtgg	240
tgccagacca	cccagttttg	ctcagtggt	gcagaggggg	cattttgaaa	gtctggaaca	300
tggatacttt	tatgccagtg	ggagagatga	agggtcatga	tagtcctatc	aatgccatat	360
gtgttaattc	caccacatt	tttactgcag	ctgatgatcg	aactgtgaga	atttgggaag	420
ctcgcaattt	gcaagatgg	cagatctctg	acacaggaga	tctgggggaa	gatattgcca	480
gtaattaaac	atgaatgaag	ataggttgta	aactgaatgc	tgtgataata	ctctgtattc	540
tttatggaaa	atgttgtcct	gtacttacta	ggcaaaacgt	atgaatcgga	ttaactggaa	600
aatatatctg	aattcaactg	ctgactataa	atggtattct	aataaaattg	tgtactatcc	660
tgtgtgctta	gttttaagat	caaccaatag	atatatatcc	tacaattgat	atattgcttt	720
attcacactt	ttattgtggc	tgaatttttg	tgcctatcta	taaaacacac	tttcaaatta	780
tttgaattac	caagacgtct	gcttttgt				808

<210> 4242

<211> 2006

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1770)

<223> similar to gi5689375 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4242

ccagtccagg	ctgtgaatgt	tgggcagttg	ctggccgtaa	atgccgagga	ggacgcctgg	60
ttacgggcac	aggtcatctc	aacagaagag	aacaaaataa	aggtatgcta	tgttgactat	120
ggtttttagtg	aaaatgttga	aaaaagcaaa	gcatacaaat	taaacccgaa	gttttgttca	180
ctctcatttc	aagctacaaa	atgtaagctt	gcaggcttgg	aagtcctaag	cgatgaccct	240
gatctagtga	aggtgggtga	atctttaact	tgtggaaaga	tctttgcagt	ggaaatactt	300
gacaaagctg	acattccact	tgttgttctg	tacgatacct	caggagaaga	tgatatcaat	360
atcaatgcca	cctgcttgaa	ggctatatgt	gacaagtcac	tagaggttca	cctgcagggt	420
gacgccatgt	acacaaatgt	caaagtaact	aatatattgct	ctgatgggac	actctactgc	480
caggtgcctt	gtaagggtct	gaacaagctc	agtgaccttc	tacgtaagat	agaggactac	540
ttccattgca	agcacatgac	ctctgagtgc	tttgtttcat	tacccttctg	tgggaaaatc	600
tgcctcttcc	attgcaaagg	aaaatggtta	cgagtagaga	tcacaaatgt	tcacagcagc	660
cgggctcttg	atgttcagtt	cctggactct	ggcactgtga	catctgtaaa	agtgtcagag	720
ctcagggaaa	ttccacctcg	gtttctacaa	gaaatgattg	caataccacc	tcaggccatt	780
aagtgtctgt	tagcagatct	tccacaatct	attggcatgt	ggacaccaga	tgcagtgtctg	840

tggttaagag	attctgtttt	gaattgctcg	gactgtagca	ttaaggttac	aaaagtggat	900
gaaaccagag	ggatcgcaca	tgtttattta	tttaccctta	agaacttccc	tgaccctcat	960
cgcagtatta	atcgccagat	tacaaatgca	gacttgtgga	agcatcagaa	ggatgtgttt	1020
ttgagtgcc	tatccagtgg	agctgactct	cccaacagca	aaaatggcaa	catgcccatt	1080
tcgggcaaca	ctggagagaa	tttcagaaag	aacctcacag	atgtcatcaa	aaagtccatt	1140
gtggaccata	cgagcgcttt	ctccacagag	gaactgccac	ctcctgtcca	cttatcaaag	1200
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gaaaataagt	ggcacagggt	gcttttataa	ggaatcctga	ccaatggact	ggtatctgtg	1440
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gacatgttcc	gaaagctgcc	cttccaagca	gtcacagctc	aacttgcagg	agtgaagtgc	1560
aaccagtggg	ctgaggaggc	ttctatgggt	tttcgaaatc	atgtggagaa	gaaacctctg	1620
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cagatTTTTT	agcaataaca	aaatgtagta	ggcttaaaaa	aaatcttaac	tctgctacat	1860
ggctctgact	gctgtggggg	attgaaaaga	atatgcttat	gtttgatgaa	agatatttaa	1920
caagtTTTgt	tttaacagag	ttgacttttc	aaagaaaatt	gtacttgaat	tattactata	1980
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<210> 4243
 <211> 2008
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1987)...(1692)
 <223> similar to gi5668703 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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cacttgagag	aaactctgtt cctcttgccg tcatattctc agccatgggg tcggtcctcc 180
aagcagctgg	gccaagtagg agagggaaga ggtgatatga gcctcctctg tgctctgaca 240
gagaaatgtc	caattccaga tcaaaggcat cattgccacc ctctcctctc ctctcctcaa 300
gaaaactttc	tggcctggag ggaaatagtt aagaactgaa aggccagggg gtctggagga 360
aaaaaacctt	ctactattcc cacaaggcag tgaggggtga taagggtgct agtcacagcc 420
ctgacagctt	cagaaagggt acccacatta cctctgggtt acccagcatc cagagcccca 480
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cttaagagtg	tatgcacaca tgtggataca catgcacctc ccactactc acacagacct 660
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ttaaattcca	ttagcatctc taagtctctt ctgccagctc gggcctggat tcttctgcct 900
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tgaaaactgt ttaagtagca ctgctcaagg agaccaggag agaagagtct gttagagacg 1500
tagcagtaaa accataattc tcagacagag ctaaggggtt ggagcccatg cctctaaagt 1560
caccctgctg tttggaaagg atgagggaga agacggaagg gaggacaagc tgcagagggt 1620
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gaagatgtgg ctggcggtggc tgggtgaggaa gtggggggcct cggaacgtaga ccctgcgttg 1980
ctgcctgctg aggggtgctg ggtccggg 2008

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<210> 4244
<211> 2091
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (80)...(1682)
<223> similar to gi505033 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 4244
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cctgctccgg gctcctgaga agaaggagaa gaagaagaaa gagaaggagc cagaggaaga 180
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catcaaggcc ggggacgcac tctggctgcg cttcaagtac tacagcttct tcgatttggg 480
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gctggaggag attgactgca ccgaggagga gatgatggtg tttgccgccc tgcagtacca 600
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caagggtgtg gaggtggttc ccgatgttaa cgtctccggc cagaagttct gcattaaact 960
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cagctacacc agcgaggtgc aggccatcct ggcccttctc agcctgcagc gcacgggcag 1140
tgggggcccc ggcaaccacc cccacggccc tgatgcctct gccgagggcc tcaaccctta 1200

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cggcctcggt	gccccccggt	tccagcgaaa	gttcaaggcc	aagcagctca	ccccacggat	1260
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tgggcatttc	acctgctgtc	actgactttg	tgcaggccaa	ggacctggca	gggccagacg	1860
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aaggaagacc	agatgtagct	acaggatgat	gaaacatggg	ttcaaacgag	ttctttcttg	2040
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<210> 4245
 <211> 1298
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1249)...(590)
 <223> similar to gil065896 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4245	
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aattcggaat	accaagaagt
tttttactcc	atggtgacta
acacaatctc	ctgatgtaca
ctgcctgtga	cctgaggggt
atctcaagaa	aaatttttaa
catatgggtt	ccaccactga
ctcgatgcc	tttctcccaa
ttccaaagta	atgaggggaat
ggccaaaatc	cacagagaag
aagagagatc	tatcaacttc
tcttaaaata	gatgggagcc
ccatgtgata	ctgtttcttc
tatcttcaaa	catctttacc
catccaacaa	agtagctgct
taagagaccg	tacgttgggt
gcttgggaaa	ttgagagctg
tccgatgctc	agcaatagct
tttttctctt	ggttctct
ttttttttga	atcatacaaa
ttcttttctc	ttaacaaaaa
agctttttcta	taaaatccta
agaagccaga	cagtagactt
atttcctatg	ctttctagat
aattcggaat	accaagaagt
tttttactcc	atggtgacta
acacaatctc	ctgatgtaca
ctgcctgtga	cctgaggggt
atctcaagaa	aaatttttaa
catatgggtt	ccaccactga
ctcgatgcc	tttctcccaa
ttccaaagta	atgaggggaat
ggccaaaatc	cacagagaag
aagagagatc	tatcaacttc
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ccatgtgata	ctgtttcttc
tatcttcaaa	catctttacc
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tccgatgctc	agcaatagct
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tctctaaat	taactggaac
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gtctgctgct	gtgattctct
tggaataaa	actgaacggg
gttttttactt	ttggtgaagt
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agactttctg	atatcttttg
atcagattcc	attatggctt
aagaggaata	cattcataaa
aaaaatgcag	tctaactcct
gatctcctcc	cagatgtctt
tatcaggcag	tgcccctcag
aaacctaata	acataaagat
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<210> 4246
 <211> 5885
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(4986)
 <223> similar to gi2224597 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4246

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gctaaaactc	ttaaggaaat	tcggacactt	ttgatggagg	cagaaaatat	ggcactgaaa	180
cgatgcaatt	ttcctgctcc	ccttgcccg	ttcagagata	ttagtgatat	ttcatttata	240
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ttggaatcag	tttctgatgt	tcttctaaac	ttctttccat	atgtttcacc	caagacaagt	720
ataacagata	gcaggggagga	agagggtgtg	tcagagagtg	aggatggtgg	tggtagcagt	780
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gtctagatca	aagaaggaaa	acgtgcctaa	cacttggtgc	cctggcatct	cctggtttga	5460
accaataacc	aagaccagac	cctggaggga	gccactgogg	gagcagaact	gtcaggggca	5520
gcacctggac	ggtcggggct	acctggcagg	cccaggcaga	gaggctggca	gagacctact	5580
gaagccattt	gtgagagcaa	cccttcagga	atcgcttcag	tttcacagac	ctgacttcat	5640

ctcccgctct	ggggagcggg	taaagcgcct	gaagttaata	gtccaggaga	ggaagctgca	5700
gagcatgtta	cagaccgagc	gggatgcact	attcaacatt	gacagggaac	ggcaggggcca	5760
ccagaatcgc	atgtgcccgc	tgcccaagag	agtcttcctg	gctatcgcag	aagaacaagc	5820
ctatcagcga	gagggaaatg	attcagaggt	ccaaacggat	ttatgagcag	cttccagaag	5880
tacag						5885

<210> 4247
 <211> 1886
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (12)...(1358)
 <223> similar to gil464742 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4247						
caggggcccc	agagacactg	cagagagtgt	cagggatttc	cttccccaca	acagaattgc	60
tgagggctctg	ggaagcatgg	agggaggaag	cagaattgcg	ggaccaccgg	cgcatctgga	120
aggaacagga	gctcttcttc	ttccatgaac	tgagccctgg	gagctgcttc	ttcctgccac	180
gagggacaag	ggtgtataat	gcactagtgg	cgtttatcag	ggctgagtat	gccccatcgtg	240
gtttctccga	ggtgaaaact	cccacactgt	tttctacgaa	gctctgggaa	cagtcagggc	300
actgggagca	ttatcaggaa	gacatgtttg	ccgtgcagcc	cccaggctct	gacaggcctc	360
ccaggtccca	gagtgacgat	tctaccaggc	atatcacaga	tacactcgcc	ctcaagccta	420
tgaactgccc	tgcacactgc	ctgatgttcg	cccaccggcc	cagatcctgg	cggaactgc	480
ccctgcgact	agctgacttt	ggggctctac	accggggccga	agcctctggt	ggtctggggg	540
gactgaccgg	actgcggtgc	ttccagcagg	atgacgctca	catcttctgt	acaacagatc	600
agctggaagc	agagatccaa	agctgtcttg	atttccctcg	ttccgtctat	gccgttcttg	660
gcttctcctt	ccgcctggca	ctgtccaccc	ggccatctgg	cttccctggg	gacccttgcc	720
tttgggacca	ggccgaacag	gtccttaaac	aggccctgaa	ggaatttgga	gaaccctggg	780
acctcaactc	tggagatggt	gccttctatg	gacctaaagt	tgacgtgcac	ctccacgatg	840
ccctggggccg	gccacatcag	tgtgggacaa	ttcagcttga	cttccaactg	cccctgagat	900
ttgacctcca	gtataagggg	caggcgggtg	ccctggagcg	tccagtccct	attcaccgag	960
cagtgtctcg	ttctgtggaa	agactgttgg	gagtgtctgg	agaaagctgc	gggggggaaat	1020
ggccactgtg	gctgtccccg	ttccagggtg	tggatcatccc	tgtggggagt	gagcaagagg	1080
aatacgccaa	agaggcacag	cagagcctgc	gggctgcagg	actggtcagt	gacctggatg	1140
cagactctgg	actgaccctc	agccggagaa	tccgcccggc	ccagcttgcc	cactacaatt	1200
ttcagtttgt	ggttggccag	aaagagcaaa	gtaagagaac	agtgaacatt	cggactcgag	1260
ataatcgtcg	ccttggggag	tgggacttgc	ctgaggctgt	gcagcgactg	gtggagctac	1320
agaacacgag	ggtcccaaat	gccgaagaaa	ttttctgagc	ctttgtacat	agatgaggca	1380
aaaacctgcg	agtgccatca	gcctccctca	catgggagac	cccaaccag	ctgacaatgt	1440
ggagccccca	gaacttcaga	actgtgtgga	ggcacatgtc	tgctctcctg	aaaagagact	1500
tggtttgggg	acccacaaaa	aggagggaag	ctgtagctgt	ttggatgtga	ggagaatgaa	1560
actacaaaaa	aaaataaatt	gggccaggcg	cagtggctca	tgctgtaat	cccagcactc	1620
tgggaggctg	aggcggacgg	atcatgaggt	caggagatca	agaccaccct	ggctaacacg	1680
gtgaaacctt	gtctctacta	aaaatacaaa	aaattagccg	ggcatggtgg	cacacgcctg	1740
taatcccagc	tactcaggag	gctgaggcag	gagaatcgct	tgaacccggg	aggtggaggt	1800
tgcagtgagc	tgagatttgc	ccactgcacc	cccctatggc	gacagatgcg	agactctgtc	1860
tctaaataaa	taaataaata	aataaa				1886

<210> 4248
 <211> 663
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2)...(131)
 <223> similar to gi6002623 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4248
 tgtggacaaa gaacatgaca gtgctgaagg aagtcacggt tcaggacaaa gcaatgggag 60
 agatccacaa gctcttgcca agcctgtcca gattcaccaa gataccttgc gcacaatgta 120
 cttcgcttaa atagtccaag tatattctct gagagcaagt actgaaagat gaattgacat 180
 acgtcgatatg tttccagtga agtccattga gtaaggacac ctccagccat acagaaacca 240
 acaactgtgtg ggggccaagg tctgacccct atgttaatac aaggaagatt gtttacttca 300
 tcaaggaaca cagcatcatt atgcaatatg aaaccagcca actgcttttt gtgcggtctc 360
 ctataggaag tatcgcaatt gttttgtttt cttttcttgt agnctaacc ttttaatgcc 420
 tttacctcaa gttgcttgga agcacaacta tctttgcggn nnnnnnnnnn nnnnnnnnnn 480
 nnnnnnnnnn nnncccttta aaaaaaacca attttaacgc ccgggggggg gaaaaaaaaa 540
 ttttttttaa gggggcccca aaaataaatt ccggggcccg gttttaaaaa cggggggaag 600
 gaaaaaaccc ggggggtccc caaattaatg gggttgga aaaccctt tttccagg 660
 ggg 663

<210> 4249
 <211> 2013
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1345)
 <223> similar to gi5262619 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4249

```

agggccacca cttattatct agcagatcgt cgctatgaca tgctgccttc cgtcctcagt      60
gcagatttgt gttcccttct gggaggcggt gataggatg ctgtaagcat catgtgggaa    120
ctggataaaag cctcttatga aattaagaaa gtgtgggtatg gcagaaccat tattcgatca    180
gcatacaaac tgttctatga agcagcccaa gaactactgg atggaaactt aagcgttggt    240
gatgatattc cagaattcaa agacttgggt gagaagagca gacaagccaa gctggaggag    300
ttggtgtggg caattggaaa gctgaccgac atagctcgcc atgtcagagc taaacgagac    360
ggatgtgggtg ccctggaact ggaaggggta gaggtttgctg tacagctaga tgacaaaaag    420
aacattcacg acctcatccc caagcagccc ctggaagtcc acgagacagt ggctgaatgc    480
atgatcctgg ccaaccactg ggtcgccaaa aagatctggg agagcttccc tcatcaggcc    540
ttgctgcgcc agcaccttcc tccacaccag gagttctttt cagaactccg ggaatgtgct    600
aaagccaaaag gcttcttcat agatacacgg tccaataaaa cactggctga ttctctggat    660
aatgcgaacg acccccacga tcccattgtg aacaggctac tgcgctccat ggccacgcag    720
gccatgtcga atgctctgta cttctccacc ggatcctgtg cggaggagga gttccatcat    780
tacggtcttg cattagataa atatacccac tttacttctc caataagaag atattcagat    840
attgtagtac accgcttggt aatggcagcc atttcaaaaag ataagaaaat ggaaattaag    900
ggaaatctgt tcagcaacaa agatcttgag gaattatgca gacatatcaa caacagaaac    960
caagcagcac agcattctca gaagcagtct actgagctct tccagtgcac gtacttcaaa   1020
gacaaagacc ctgccaccga ggagcggttg atactctgac gagttattta ttcaattaga   1080
acaaatgggtg tgcttctatt tataccaagg tttgggatta aaggtgctgc ttatctaaaa   1140
aataaagatg gtttagtcat ctcatgtggc ccagatagct gttctgaatg gaaaccagga   1200
tcccttcaac gatttcaaaa caaaattacc tctactacaa cagatgggga atctgttacg   1260
ttccatttgt ttgaccatgt aaccgtaaga atatccatac aggcctcacg ttgccattct   1320
gatacaatca gacttgaaat aattagtaac aaaccataca agataccaaa tacagaactt   1380
attcatcaga gttccccctt gctgaagagt gagttagtga aagaagtaac taaatctgtg   1440
gaagaagctc agcttgccca agaagtcaaa gtaaacaatca ttcaggagga atatcaagaa   1500
tatcgccaaa caaagggaag gagcctatac acacttctag aggagatacg ggacctagct   1560
ctcctggatg tttcaaacaa ttatggaata tgagaggctc ttacttcact aagagctgtc   1620
atatgtgaat gttttacagt cttttcaaac ttaacattta atgtgtgtca ctcagtgtc   1680
tagtcgatca ggactgggta gctatttcgc atatatgtaa aatgtttctca gccgggcacg   1740
gtggctcacg cctgtaaccg cagcactttg ggaggctgag gcgggaggat cagcagggtca   1800
ggagattgag acctacctgg ctaacacggt gaaacccagt ctctactaaa aatacaaaaa   1860
ttagcccggc gtggtggcat gcgcctgtag tcccagctac ttgggaggct gaagcaggag   1920
aattgcctga acccaggaag aggaggttgc agtgagccga gatcgcacca ctgcattcca   1980
gcctgggcaa cagagcgaga ctccatctca aaa                                     2013

```

```

<210> 4250
<211> 1518
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(499)
<223> similar to gill142660 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4250
ggcagcagtg atcactgggc tgaccgcttt gaggacctgc ccctctattt catgactttc      60
catggacagc aaagcatcag gactgtaata gatacaatgc aacatgcagt ctacgtctat    120
gacatttgtc atgtgatcat cgacaacctg cagttcatga tgggtcacga gcagctgtcc    180

```

```

acagacagga tcgcagctca agactacatc atcgggggtct ttcggaagtt tgcaacagac 240
aataactgcc atgtgacact ggtcattcac ccccggaag aggatgatga caaggaactg 300
cagacagcgt ccatttttgg ctcagccaaa gcaagccagg aagcagacaa tgttctgac 360
ctgcaggaca ggaagctggg aaccggggcca gggaaacggg atctgcagggt gtccaagaac 420
cgctttgatg gagatgtagg tgtcttcccc cttgagttca acaagaactc cctcaccttc 480
tccattccac caaagaacaa ggccccggctc aagaagatca aggatgacac tggaccagt 540
gccaaaaagc cctcttctgg caaaaagggg gctacgacac agaactctga gatttgctca 600
ggccaggccc cactcccga ccagccagac acctccaagc gttcaaagt 660
agagctggc actgaaatga gcctgatagg ataggctgga gcataaaact ctgcaagggc 720
tcctctatcc tgtggctcctg agctgtgtgc ctttctcagt ctgagggggc taacctagag 780
caggtttcca tagtgagaaa attcaatgta gcagactact gagaaactac tgtgttgctc 840
aggctttgtt tgaggctcctg tatatacagc actgaaaaga gagataaagt ccctgcctgc 900
atgcattctg gcggaagaga caagcaagca atgaacaaat tagcagaaaa cctagtttta 960
gtgaaaaatg ctgtaaagaa aatagaaatg cgatagagtg ctggcaggct agttagata 1020
agtgggtctga aaagggtgtct ctgagccgag ggcattgtgag ctggggccta aacaactaga 1080
aggagagagc cacgtgaaca tccggcgaag gggaccagg cagagagaaa aggaaatcca 1140
agccctgagg taggaatgag caggctcagat tcaaggcagt gaggtcaggc cgcatgaacc 1200
tggaggggaa tcggggactt catgcgaaac tccagcctag gctttcaaag tcaaagggtg 1260
atacagtggg taccaagctc ctctgctccc cactttgtag agcctagcat gaggtggcat 1320
gtactagaat tgaatcctag gtgcttagcc ctgcaatata agggcctcac tgggtgggagc 1380
tgccctgggc tgggttgctt ggtcatagag ccatagaagg aagctgtcag cccggattgt 1440
cctgcctatc ctagtcactg atgccattgt gtgcttcctc aagactgtct ggagtcagt 1500
acattttata gaggccttt 1518

```

```

<210> 4251
<211> 1272
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1274)...(920)
<223> similar to gi3212110 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4251
tttttttttt ttagggatgc attttgaata tttattgtcc ttgtttttta cataatttgc 60
aaatttacat aattataatg gctgtgtttg acaactggct tgcaacaaaa ttcttgaaaa 120
ttgaataatt ggcccacctg ggctgggatg agccagctgg atcacaccgt tgccccctca 180
gcctctagga ggcctcagga ttatggcgct catcttatga tattggccga aaggagacag 240
tcttgagggt gctgcttact gttgaacttc cttttggaat gtatgggaga aggcagggaa 300
aggaatcttt aggcagactg ccatccaggg actgtatttc tgttactga gattcagctg 360
tgaacatctg ttctttcttc ctcttctgtc tactgcatgc agggccggaa gctgagcgtt 420
agtcaaagg acaggaaggg aaaagagaag agggcaaggc ccatcccca agaaagggaag 480
ggctctgatg cagagggagc aggagctgag gtggagacgg ccaactgcctc tctcacctc 540
tgttccatcc ctctgctcaa gaaaaccagg cttagcagag tgggacagac gctttttatt 600
ggtctggctg gcgtgcctag tggaaagctc aggcagagct tcctatcttg ccctggctcc 660
catcttccct ctctgggag ttcacacac atcccgagag ggaagagtgt cctgggcaga 720
ggtggcaggc aaagcgggt aaaaactcca gggctgggaa gcaaatgggg ctcagggtga 780
tgcaaaaaat gtgatgttgc caggccatcc aaataaagca tccatcgggg cagaggagaa 840

```

gctgtttccc	tgcagacact	cctctgcccc	caccaggaat	gggaggggca	ggaggaagag	900
cttcccagag	aggctccccta	ctgggcccctt	cgtgccatca	gcattctccc	gatgttgtcc	960
tcagcttcct	taacgcttcg	ctccaggtag	gactttttct	gttctagttc	tttaattttt	1020
tcttctgcta	ttttctgctt	ctctaacagc	tgactgtgaa	ttgcttcctt	ggactgaaga	1080
ataaacattc	ttcctacacc	ttcatacatg	ttagtctcat	ctaccaaagt	catgatctct	1140
gtatctgtaa	gatgtgcatg	ctttttcggt	ctgttttagct	gttcaatctg	tatgtctgcg	1200
agcttcacct	tctgttgagt	gtcaataact	ttggcttgaa	gctctgtgaa	ggccttcttc	1260
agctctagat	cc					1272

<210> 4252
 <211> 1492
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1493)...(529)
 <223> similar to gi3873666 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4252	
tttttttttt	ttatacccaa catccattga tctttatttg atttgacaaa atctgcattt 60
ttaaaagaca	ggtaacaaaa tctgagggtta tactgaatct gacaaattga gttctatagt 120
atctagaata	tcatataaga aatatcaact gagggaaaag agaagtacca catgcagatg 180
ctcctggcaa	gggggggaact gtatctgcag gtgagggtcca gactgtgcag tgcataagaa 240
aatcctacag	aaaatgccgt taacttactt ggatgaaatg tttttccttt gagggggagg 300
aagaggtggt	aaagaggggc aggaattcaa aggcataatgc agaattggctt ctccatttca 360
aaatggtaat	aaaaatatct aaatcatggc actagggcac ctttgaggaa aagaacatct 420
taaccagagt	aggctcattg cataattctt tagtaatatg tacaattttc aagtaattaa 480
gcagacttaa	aggataattt tgttttaaca gcagctatct atttttcttc tccccctctg 540
gggcttgatc	tgtttcagca tcacagggac actttttccac acattttcta gggaaccaac 600
cccttattct	tgaaacacct tctataaagg aatcatcaag aattttgtct ccatataacc 660
agtatcgtaa	acctcttgtg gctaaaatga attccccttt ttgcagctgt attcgaggct 720
cttcggtgca	gggacttgtg aagaagggtt tgattccttt attcagaggg cagcaggcac 780
cactataatc	ttctattact ttatagcgaa cacttctgac tctcttatct gctttttggt 840
tcaactgttc	tattgttaag ctgtattggt gacagccttc tcttactggc cactcaagtc 900
catctccttc	agggacccct gaccacgtaa atacctgttt aaagtctctc catctacttc 960
ccatatcata	tggaaaaaca aagacttcat ctagtgtgata atactgaatt cgatcttttag 1020
ccttctcttc	aatccatgac tcaatagaag ttttgtttct gagaattatt ttcatctgga 1080
taaaaaaca	catcccaaca gctatggttg ttctaaagc taatcccaag gcaacaagg 1140
tggtagcaaa	tgcagctaata ccaaatggaa caattggaag aggatctctc cggtctgcac 1200
tcatgtcgat	cttactgtg ttccacccaa aggagagccg atgataaagc tgtgtgtaca 1260
tagtcatcac	aaaaatgaaa gcagcatgga tacaaccagc tgggtgctaaa aggagaaaca 1320
gtgtgaacga	agcatgattt tggtaaccac aacagttggt gatccaagga cagtgatggt 1380
ccatcttcat	cacacatctg ttacactttc tgcagtgatg tgaacgtggt gccttgtatg 1440
cttggcagac	tttacaatac tggagatata tggatatctg agaaattctc gg 1492

<210> 4253
 <211> 317
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(147)
 <223> similar to gi806832 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4253
 aactatgcac cggaagtgc ggacagagtc accattacgg cggaccgac cagagaaacg 60
 gcctacatgg agctgagggg cctaaccatct gacgacacgg ccgtctatta ctgttctcta 120
 ctggatcggg gaagtatgat cttctcagca ggattcagaa aacgttttct attttcataa 180
 aaaatgtgtg gacattgcta taaatacttt tcctgagtgg taaacatgtg atactgtctg 240
 ggaaagatat tccagggtgg gggtattttt gaacaagtaa atcttaaag atcataagag 300
 aacaggctgt gttagct 317

<210> 4254
 <211> 456
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (459)...(126)
 <223> similar to gi4884162 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4254
 tttttttttt ggtgtttcaa ttgttttatt acaatccaaa agttggggcg ggggttcctg 60
 tgccaccaca caccatccag gatgagaggg tcagaagtca aagggtccaag ctgcaggagg 120
 gtcagcccct gcctggcatg ttgatgtaga ctttgccatc ttcttgggag gggctgcggc 180
 gtgggcgtgc gcacaggaac accgccccca cgatgagcag cgatgccacc gcatcagcag 240
 ccacgaggcc tgccaggagc ggacagagaga gggaccacaa tccggaacaa gagcctgaag 300
 tgccagggtg aaaggcaggg agtgatgatc tctctcctgg agtcgtctga gctgcagcca 360
 ctgggagcaa aagcaggaag aggatgtgac ccagatggat catggtggac tggggtctgg 420
 caggggtctg gcagaggact gtggtccaga gaagtc 456

<210> 4255
 <211> 4963

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (4964)...(811)
 <223> similar to gi3413914 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4255

tttttttttt	ttgaaaaaga	cagaagcagc	ttttactata	tttacctcca	acaaaacttc	60
gcagggaaca	atccttattg	cacaggtcag	gacctgggtg	ggtgaggcat	tcccaaggc	120
ggggcaggca	agaaaaatta	ggactggagg	gggcaccagt	tcttcctaag	gggagcttga	180
gactcctcta	gctcccagtg	cctgactttg	aaggaaactac	aaaccaccgg	accatgggtgc	240
cctattttccc	ttccctttct	cactctccat	aagaacctca	taagcaaggg	ggctgtggct	300
ccagaataaa	taatttaaaa	taaaatacaa	acacttaggt	agaaaggcat	ggagagcctt	360
gggctccttc	agcaacgtca	gggaagagg	accattattg	gtggagaatg	acatccctac	420
ctcccattca	gggcaaaggc	tcagtagctc	tgcacttttc	cagttgtttt	ttaaaacaaa	480
aacttctaaa	atgaccagg	caatgcagat	ctgtgggtac	cctggagggg	agttcccgg	540
ataggacaag	ggaagaccag	agctgtacca	actccccca	gatctcccc	aacatcagca	600
cgaacaaact	gggtaggttg	gtgatggggg	aatcaggact	tttggttaaca	gtggatccct	660
cttcctgttg	tcctcgcttg	gagcctttga	ctgggcatcc	ttcccagcct	gttcccaact	720
ccatgaaggc	aacagggaag	cagtttaact	ctagaatccc	ttcttcctca	cttccccacc	780
ctaggctgga	gagggaagct	taaggtctct	agcattcttg	aggtgctcca	aaacattttc	840
ggcagtcaat	ggccttgga	gtgggcatct	gcgcccgcg	gtgcctcagc	tcctccttgc	900
ccatgctgct	ggccagcttg	ttaaaggcag	acttgacttt	cttatcgaag	gccactatgt	960
ccacgtgggtc	cttgcccaga	gcagccattg	tcaggaataa	tatctcacgg	tagattcccc	1020
tctgcaggtg	caggccagtg	ggtggggggc	ctagagtttc	cagcaggagc	cccacagcct	1080
tgtgcacttc	attgagtcca	acatggcgca	gcactgactc	caacagtgcc	aaactaagg	1140
atgcaggtag	agggcctggc	cataccaccc	gctgggggat	ctggctgtgg	accctccaga	1200
gcacatagag	aggtgggcag	ctattggggg	caggggtcag	tacatcccac	agcagccgta	1260
cctgaacaga	ggctggatca	gggggttagcc	aaggagatgg	ggcctgggag	tgcaagggcc	1320
catcacagga	ggccagcacc	aggcctggta	gaatactggg	caggcgtagc	cgttggaaat	1380
accacaaaag	gttcagaag	atgatggggg	gggcagagg	cagttcaggc	aacgccagca	1440
cctcactgcc	ctcgttctct	accagcgact	ccagctcctt	acgcagcacc	agggggctca	1500
ggtatgccc	tgccccactc	tcaaccgcgc	gggaggctcc	ccccatgtgc	ccgttgca	1560
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<210> 4256

<211> 1075

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1076)...(223)

<223> similar to gi587146 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 4256
tttttttttt ttaccacaga cacatgtgtt tcatttttag ttttgttaaa aaaaaaattc 60
tgacaaatca gaaatggggg ttcaggagtg gtggtgatgc aaaagatgga agccatgggg 120
tgggggctgt caggggtggg ggcagtagtg tctccttcac cccaccctg gtgtcctctc 180
ctgaaggaca gacggtcaca ttccaaaatg ggcgagtctt ctaccgtgtc tgttcaatgt 240
aggaggagat gtctatctca tcaggcagct cactaatatt gacctcaaag cgatcctgca 300
catcattgag gatcttggca tcattctcat cggacacaaa tgtgatagcc aagcccttgg 360
tgccaaaccg gcctgctctg gccacccgat gcaggtaggt gtcagaatcc tcaggcatgt 420
cataattaaa agcaatgttc acccgctcga tgtccatgcc tcggccaaat aggttggtag 480
ccacaagaat tcgtcgttga aaatctttaa actgctgata ccgagaaagc ctctcctcct 540
ggggcatccc acggtggatg gcaatggctg ggaagtctctg ctccactagt agctgggcca 600
aggcaatgca ccgctgcaca gacttcacaa agatcaccac ctggttgaaac tcaaggacat 660
ccagaaggtc aaagagcttc cggttcttct cgttgctcctt cagtttcacg tagtactgct 720
gcaacccatg cagcgtcaac ttctgtctcat catccacgaa gatctccatt ggatcttgca 780
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tatttcgagc cagggctagg atacggcctg gagtccccac gacgatatgc gggcagttct 1020
tcttcagcac ctcttcaccc ttcttgatag acagaccacc aaaaaaaca gcaac 1075

```

```

<210> 4257
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(403)
<223> similar to gi33325 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4257
ggaaacccca ggcagcttc tcttctcct gctactctgg ctcccagtct cagataccac 60
cggagaaatt gtgttgacgc agtctccaga caccctgtct ttgtctccag gacaaagagc 120
caccctctcc tgcagggcca gtctgagtct tagcaacgac tttctagcct ggtaccagca 180
gaaacctggc caggctccca ggctcctcat ttatggtgca tccaccaggg ccactggcat 240
cccagacagg ttcagtggcc tcgggtctgg gacagacttc actctcacca tccgcggtct 300
ggagcctgaa gactctgcag tatattactg gcagcaatat gacagttttt ggacgttcgg 360
ccaagggacc aaggtggaaa tcaaaccaac tgtggctgcc c 401

```

```

<210> 4258
<211> 4860
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (4861)...(2872)
 <223> similar to gi2981198 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4258

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tttgatacta	ttttggttta	tttatggcta	cttacaagag	tcacagtaat	aatgtccact	180
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acaacttaaa	aaggatttcc	atattttatcc	ccatcattat	tttgggaagct	taataccctg	360
ttcaggggtt	gaagagtttg	aatagctcac	acaatcctgt	aaaaatgaca	actggctgcc	420
ctttaataaa	taaagtcat	gtaaagaatt	acatttacag	agtgaaaagt	gaatacatag	480
catttcaaat	tcaatttttg	aagtactaat	aagtactgac	ccataacaat	atacactagc	540
tatcttttta	actgtccatc	attagcacca	atgaagattc	aataaaatta	cctttattca	600
cacatctcaa	aacaattctg	caaattctta	gtgaagttaa	actatagtca	cagaccttaa	660
atattcacat	tgttttctat	gtctactgaa	aataagttca	ctacttttct	ggatattctt	720
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ctgtaaaagt	ataactgtat	caaaattacc	atgtttatgg	atacaatatt	atgccatata	960
gagcaacaaa	gttacatata	atgacaaaga	ttactgaagt	tatgcaagac	cagaacaaat	1020
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tacttaatta	caattgtgca	cgtatcagtg	gctttgtaac	aaaaatacac	agaaaaaatt	1260
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<210> 4259

<211> 1104

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(200)

<223> similar to gi202231 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4259

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cgagtaccaa	caatttcaag	atgccaaagc	agttctagag	gaagatgaag	aggtcacgga	180

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ggaggcagaa atggagccag aagataaggg acattaactg tgagagaagc tgtgccgcgg 240
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ataacaaatt ctatagacta cgctaatacta cataactctat aataatatat cagtatcata 1080
tttatcacct atcacttcct actg 1104

```

```

<210> 4260
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (387)...(7)
<223> similar to gil780976 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4260
cactatcaaa aattatttcc taatctttgg caagaatttt gtctttccac ttgaagtgg 60
tctttcaaac cttgcaaatt ttcttctagt cccataccag ggacataacc cattttatgc 120
attgtatgtt gactttgagg gctatataat tgttctgaaa ttagaacttg tgctcccat 180
tgttgtaata aatctcttcc ccataaatat ataggtagag aagttataat tgggtgaata 240
gccccagggt gtccatcggg cccttcacaa tgcaaaatat aactactttg atatactaca 300
gggactttac caagtccaac tatgttaaat tgagcgggtt gaactgggca cgtggatggc 360
cagtgtgtga tagaatgat tgaaat 386

```

```

<210> 4261
<211> 780
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(706)
<223> similar to gi3264846 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 4261
ggaaaagcct ttgggtccaa atccactctt gttcgacacc agagaaactca cacaggagaa 60
aagccatatg agtgtggtga atgtgggaaa ttattcagac aaagcttcag ccttgttgta 120
caccagagaa ttcacactac agcaaggcct tatgagtgtg gccagtgtgg gaaatcattt 180
agcctaaagt gtggcctcat tcagcaccag ttaattcaca gtggagctag gccctttgag 240
tgtgatgagt gcggaaaatc ctttagccaa agaaccaccc tcaataaaca ccacaaagtt 300
cacactgcag aaaggcctta tgtatgtggg gaatgtggga aagcttttat gttcaaactt 360
aaacttgtaa ggcaccagag aactcacact ggagaaaggc cttttgagtg cagtgaatgt 420
gggaaatttt ttagacaaag ctataccctc gttgaacacc agaaaattca cactggatta 480
aggccttacg actgtggaca gtgcgggaaa tccttttatcc aaaagtctag cctcattcaa 540
caccaagtgg ttcacacagg agaaaggcca tatgagtgtg gcaaagtgtg gaagtccttt 600
acacaacact ctggcctcat tctccaccga aaatctcaca ctgtggagag gcctcgtgac 660
agcagcaaat gtggaaaacc ctacagccca agatctaaca ttgtttaact cttgaaactc 720
caaacctgag aaaagcctta gacctgcagg gaatgtgcca tgtctttctt cagtgttatg 780

<210> 4262
<211> 1073
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(129)
<223> similar to gi5901478 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4262
ggaaacatca tctacatgta catgcagcca ggagccaggt cttcccagga ccagggcaag 60
ttcctcacgc tcttctacaa cattgtcacc cccctcctca atcctctcat ctacaccctc 120
agaaacagag aggtgaaggg ggcactggga aggttgcttc tggggaagag agagctagga 180
aaggagtaaa ggcatctcca cctgacttca cctccatcca gggccactgg cagcatctgg 240
aacggctgaa ttccagctga tattagccca cgactcccaa cttgcctttt tctggacttt 300
tgtgaggctg tttcagttct gacattatgt gtttttgttg ttgctcttaa aattgagacg 360
gggtctcact ctgtcaccta gggaggagtg cagtggtgcc accatagctc cttcgactat 420
tgggcttaag cgatcctccc ccacctcagc cttccaagta actgggacta cagggtgtgca 480
tcactggcag tgggaattgt ggcttttctg tcttctatgg agacggggtc ttgcctgtgt 540
tgccccaggc tgggtccaaa cccctgggcc tcatgtgac ctcctgcat ggcctcctaa 600
agttctggga ttacaagtgt gagtcactgt gactggccaa cattatgtga tttatgtgtg 660
aacctatata acacaaatca tccccaaaa cccatcctg gatctgtaaa gcagctgcca 720
aagaatgaag tgagagaaac agttgtaaag atgagtttcc caccctactt ataccagag 780
tgccaaagag gaaatcaact cttcctcaat cagagctttg cttttgtttg ttgttgtttg 840
cctttaaagt ctaacacacc tgacatgttt cagtcagaat gaccccaaat gcatcactgt 900
tctccacgtg gtcccaagtg cctctctgtt tagggccatc aaatcatgga atgcagcaca 960
gtttgatatt ttctatattc ccaattccta ccaaaccctt ttcatgaaat cgtagagttt 1020
gttttaccct ttatctggtg taagattctg cataaaccaa gaagtgaacc tgt 1073

<210> 4263
 <211> 2262
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (40)...(1936)
 <223> similar to gil93573 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4263

cgcgctcgagc	atttcgtagc	tctaacacca	gctcgcagcac	ccagcccagc	gccgggctcca	60
gccccgggagc	cagagccagc	tccaacacca	gctccagggtt	cagagctaga	agtagctcca	120
gcaccagctc	cggagctcca	gcaggctcca	gagccagctg	tgggactaga	atcgggctcca	180
gcgccagctc	tggaaactaga	gccagctcca	gaacaggatc	cagctccctc	acaaactcta	240
gagctggagc	cagctccagc	accagttcca	tcattacagc	cttcctggcc	ttcacctgtg	300
gttgacagaga	acgggctgag	tgaggagaag	cctcacctct	tggtgttccc	tccagatctg	360
gtggcagagc	agtttacct	gatggatgcg	gaactgttca	agaagggtgg	gccctaccac	420
tgcttgggct	ccatctggtc	ccagcgggac	aagaagggca	aggagcacct	ggcgcccacc	480
atccgcgcca	ctgtcaccca	gttcaacagt	gtggccaact	gtgtcatcac	cacctgcctc	540
gggaaccgaa	gcacgaaagc	cccagacagg	gccagggtgg	tggagcactg	gatcgagggtg	600
gccagggagt	cccggtatct	caagaacttc	tcgtcactgt	atgccatcct	ctctgccttg	660
cagagcaact	ccatccaccg	tctgaagaag	acgtgggaag	acgtttccag	ggacagtttc	720
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ttcctcaccg	acctggtgat	gctggacact	gccatgaagg	actatctgta	tggcagactc	960
atcaactttg	agaagaggag	gaaggagttc	gagggtgatcg	cccagatcaa	gctgctgcag	1020
tcggcctgca	acaactacag	catcgcgcca	gatgagcaat	ttggggcctg	gttccggggcc	1080
gtggagcggc	tcagcgagac	tgagagctac	aacctgtcgt	gcgagctgga	gcccccatcc	1140
gagtcagcca	gcaaacacct	caggaccaag	aagaacacag	ccattgtcaa	gcgctggagc	1200
gaccgccagg	ccccagcac	tgagctcagt	accagtggca	gctcccactc	caagtctgtg	1260
gaccagctca	ggtgtggccc	ctacctcagc	agcggggaca	tcgctgacgc	gctcagcgtg	1320
cactcggccg	gctcctctag	ctccgacgtg	gaggagatca	acatcagctt	cgtcccggag	1380
tctcctgatg	gccaggaaaa	gaagtcttgg	gaatcagcct	cacagtcac	cccggagacc	1440
tccggcatca	gctcagcctc	cagcagcacc	tcgtcctcct	cagcctccac	cacgcccgtg	1500
gctgccacac	gcaccacaa	gcgctctgtc	tcagggtctc	gcaactccag	ctccgcgctg	1560
ccgctctaca	accagcagg	gggcgactgc	tgtatcatcc	gcgtcagcct	ggacgtggac	1620
aatggcaaca	tgtacaagag	catcctgggtg	accagccaag	ataaggctcc	ggctgtaatc	1680
cgcaaaggcca	tggacaaaca	caacctggag	gaggaggagc	cggaggacta	tgagctgctg	1740
cagattctct	cagatgaccg	gaagctgaag	atccctgaaa	acgccaacgt	cttctatgcc	1800
atgaactcta	ccgccaacta	tgactttgtc	ctcaagaagc	ggaccttcac	caaggaggtg	1860
aagggtcaagc	acggagccag	ctccaccctc	cctcgcacga	agcagaaagg	actcaagatt	1920
gccaagggca	tcttctgagg	gcacccctcc	aggggtctgg	tggtctggtag	ccaagcactt	1980
atggaccaga	gtggcccagg	ccagctgggc	gccttcctcc	cacctgccag	cccagggtac	2040
cccagactcc	agtttcatcc	tgaacctctc	ccgctgcttg	ggatttgacg	cctgccattt	2100
ggtcaggctg	aacttggggc	tcccgtggaa	ccaactcgct	tgctttaagg	tggccttctg	2160
gtctctgga	accagaggac	tagctgactt	tttggcaaa	gaagcagtg	caacgggaat	2220

ggcatgggtg cctgcctgc ccccgggcgc caactctgta ca

2262

<210> 4264

<211> 2442

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(775)

<223> similar to gi599683 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4264

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gatggggatt	ccattaaaaa	aatcattaat	cagatgaaac	cacgacagtt	gatcatcgtc	120
catggccac	cagaggccag	tcaagatctg	gcagagtgtc	gtcgcgctt	tgggtggaaa	180
gatattaaag	tgtacatgcc	aaagctacat	gaaacagttg	atgccactag	tgaaactcac	240
atctaccagg	tgaggttaaa	agactcactt	gtcagctctc	ttcagttttg	taaggcaaaa	300
gatgctgaat	tagcttggat	agatggtgtc	ttagatatga	gagtttccaa	agtggacaca	360
ggggttat	tagaagaagg	agaactaaag	gatgatggag	aagactcaga	gatgcaagtg	420
gaagctccct	cagattctag	cgttatagca	caacaaaagg	ccatgaaaag	tctgttcgga	480
gatgatgaaa	aagaaacagg	tgaagaaagt	gagatcattc	ctactttgga	acccttgcca	540
cctcatgagg	ttcctggaca	tcagtcagtt	tttatgaatg	aaccaaggct	gtcagacttc	600
aagcaagt	tcttacggga	ggggattcaa	gctgaatttg	taggaggtgt	acttgtttgc	660
aacaatcaag	tagcagtc	cagaacggaa	actggacgca	ttggattaga	aggctgcctt	720
tgtcaagatt	tttataggat	aagagacctt	ttatatgaac	aatatgccat	tgtataaagg	780
acatgatgtc	aagaagtatc	tgcttgacct	ttctaagaaa	aagggttctt	tatcttactc	840
tgagcttttg	atgttttggt	ttgtaacata	caaaaagaat	ctgccagaaa	aacttacatg	900
tatcagat	ttaaaaatat	aaatagagaa	cattttgcaa	atgctcaaat	gagcattcta	960
tcttttggt	ttcagagtga	tagagctcct	aacaggtgta	caggcccaag	agttgaagg	1020
gattggtt	ctttacagac	tccttgttct	ctagaagggc	tttttacttg	aataaaacaa	1080
tgcaacttag	caaaccaatt	tatggcctta	gagaaacatt	tttgcagtag	ttcttacaaa	1140
ctgtttgtta	tattttctgg	aatgataagt	gagaattatt	tagaaaagac	atgctccaaa	1200
aaaaaaacaa	aactgataaa	acagtttttc	gaaacttact	tttaaaagca	tacgtgctat	1260
gactctctcc	agtttgaata	tgcaattggt	ttcacaggca	ggatgtctgt	tttctgcctg	1320
tatttcccag	ggatttactc	tagggtaagg	tagtacacat	ttggttcaga	aattaatttt	1380
tatttctcct	atatcttggt	ttatcaagat	tttgttgtgg	catttcaatg	taaattataa	1440
caccatcatt	tgagtataca	taattcaaaa	gaactacttg	atgcagtata	gtcttaagg	1500
ttctgcatac	attttagaaa	catcttagcc	gtaagttagg	tcctgtgtta	aactgttttag	1560
tgctctgttt	ttaagaaaac	aaatgttgaa	cctcacactt	ttatgtggtg	acagtgtaat	1620
ttaattaaaa	ggtgtaaatg	gtttcatctc	ttaggtttgc	tgtctcctaa	ggtcacccaa	1680
gcagtgggtg	gattttatac	acattactac	taaaataata	ctgaagttgg	ataaggttat	1740
cctttctgta	tttgctgtct	tcttgtgact	aaccaccttg	atatagtatt	aaccactgtg	1800
ttcaagagta	aaaacaatat	atgcaatttt	tcatttgaac	tttaaagagt	gaaaaccatg	1860
taaactattg	aaactattgt	aatccattaa	tgctttttta	gaatggcaga	ccttgatggt	1920
tatttctcaa	atgggtaagc	cctcttcttt	actcttaatt	tttttttgag	acagagtcac	1980
ccaggctgga	gtgcagaggt	gagatttttg	ctcactataa	cctcttcctc	cagggttcaa	2040
gtgattctcc	cacctcagcc	tccaagtag	ctgggactac	gggcacatgc	cactgcacct	2100
gggctaattt	ttatatTTTT	ggtagagaca	gggtttcacc	atgttggcca	ggctggtctc	2160

aaactcctga	cctcaagcga	tccacccacc	taggcctccc	aaagtgctgg	gattacaggc	2220
atgaatcacc	acaactagcc	tacccttaga	tttttggaag	gatcgatctt	atttaactat	2280
gtgtggaaca	accagtaat	atcagactcg	aattactatt	tcattctatt	tcaaagtctt	2340
ataaagctac	tattgtagat	tatagtgtta	atgcaaagtt	tacagacttt	tgatatggaa	2400
aaccagataa	acacaacaat	gttacaaaag	gcaaaaaaaaa	aa		2442

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<210> 4265
<211> 931
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (25)...(293)
<223> similar to gi4803931 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

00400733-013100

<400> 4265						
ggcacgagga	agccagttta	caaacatccg	ctggtctttg	ttttgctggc	tgtacttgtg	60
ctttcagtaa	ctacacagat	taactatctc	aacaaggcac	tggaacacct	taataacctct	120
cttgtgacac	ccatttatta	tgtattcttc	acatccatgg	tagtgacttg	ctctgccatc	180
ttattccaag	agtggtagtg	catgacagct	ggagatatca	ttgggacctt	gagtggattc	240
ttcactatta	tcattggcat	cttccttcta	catgctttta	aaaatactga	cattacttgg	300
agtgagctta	catccactgc	taagaaaagaa	gccgtctctc	tgaatgtcaa	tgaaaacaat	360
tatgttttac	tagagaactt	ggagtgttca	gcccaggat	acaatgatga	cgttaccttg	420
tttagtagaa	ctgatgactg	aagtctctag	aaacactgag	ttttaaccaa	tatgagacac	480
acgaagagga	aaatgaatgc	ttgcttcttg	gaagaactgc	taggaaagtt	agcatttttg	540
cagttctaac	taatttagat	gtgaggccaa	gtaaaaatgc	catttttttg	gccattgaat	600
ttgaaaatca	aattgattat	cctccagaat	ctctacaaac	tttgaaatac	tctctaagga	660
tcaaagaagt	caaagagcta	tgtgtgtctc	agaataatct	ccttcttctg	gtcacagtat	720
ctttgtctct	gccagggtggc	tcttcatttc	tttggttagct	attttttagac	cttacagtca	780
ttcaccaata	tacagttagc	agtgttctga	tagacacagt	atcagtcata	ttctccgttg	840
gagtcataat	ttcaaaactca	acaagatttc	agaaagggtat	aatcatggta	atttctcata	900
ttaaaaactgg	agaagagagg	ccaggcatgg	t			931

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<210> 4266
<211> 1159
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(770)
<223> similar to gi886940 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4266
ggcacgagga gattcggacc tcgccgcac cgggaagaat cagtgatgct tcggacagtc      60
aatcctagca cggggggccct ccccttccag tccctcatgg ttgcagacct aggcgatgtg    120
aatgtcaatc tttacaacct tcaggacagc tgccggcaaa ttcaagaggc ctatgagaaa    180
attgtagcag ctggctgtat tcctctgacc ttgggtggag atcacacaat cacatatccc    240
atattgcaag cgatggcaaa aaagcatggc ccagtggggc tgctgcacgt ggatgcgcac    300
acggacacga ctgacaaggc cctaggagag aagctctacc acggggcgcc cttccgccgg    360
tgtgtggatg agggctctct ggactgtaag cgtgtggtgc agattggcat ccggggctct    420
tccacgacct tggatcccta cagatacaac cggagccagg gcttccgggt agtcctggct    480
gaagactgct ggatgaagtc actggttcct ctgatggggg aagtcaggca gcagatggga    540
ggcaaaccga tttatatcag ctttgatatt gacgctctgg atcctgccta tgcgccaggg    600
acagggacac ctgaaattgc tggctctcact cctagtcagg ctctggagat catcaggggg    660
tgtcaaggcc tgaacgtgat gggctgtgat cttgtcgaag ttccaccacc gtatgatctt    720
tctgggaaca cagccctgct ggccgctaac ctgctgtttg agatgctatg tgctctcccc    780
aaagtgacaa ccgtctgagt cttgtgctct tcaagacaaa acagattgcg tcgctgacaa    840
gttctcaaga agaacttatg agtaagcagt ctgagaacta aagagtttat gccaaagaaa    900
ctttctgctg aaagtgtcat tgctggctgt gaagtcggga taatcagtag aattctcacc    960
caaacagcaa catttctaag gaacttggat taattggggg aaaaaaaaaa gagtacttgt   1020
actgctttga tttttatttc cctttggatg aaagatggga gggataaagg ggaagtgagg   1080
agaatttctt tcaagattat ctaaaccatta gaaacatgac atttaaaaaa actatgaaat   1140
aatactgtat aagcattcc                                     1159

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<210> 4267
<211> 1510
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (276)...(985)
<223> similar to gi4426837 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4267
actgtaggaa ttttgaaagt gcaaaaggcc aacccaaaat tctaccaaca aaggtaacct      60
actggcattt gggatatatt tttctctggg ccttgtcctc cgcctttatc tgatgctgca    120
gatgtaattc tgtgttccgc ttgtttgctt catgttgtgt tatgaacatg tccccctcaa    180
atctccctgg gagccttcca gcgatcagcc ccctttgact gtgtggctct ggccctgggg    240
aagagctgag ggtctcctgc cctaacggat ggtttcaggg tgtgaaggtc aaaggcctca    300
tcctcatcag cccccagaac cctctgggtg atgtatactc ccctgaagag ctacaggagt    360
acctgggtatt tgccaagagg cacaggctgc atgtgattgt ggatgaggtc tacatgctgt    420
ccgtgtttga gaagtctgtt gggtaaccga gtgtcctaag cctggaaagg ctccctgacc    480
cccagaggac ccatgtgatg tgggcaacca gcaaggactt cgggatgtct gggctccgct    540
ttggcacgct gtacacagaa aaccaggatg tggccactgc cgtggcttcc ctctgccgct    600
accacggcct cagtggcttg gtccagttacc agatggcaca gctgctccgg gaccgtgact    660
ggatcaacca ggtgtacctg ccggaaaacc atgcccggct caaggctgcc cacacctatg    720
tctcagaaga gcttagggca ttgggggatcc ccttcttgag tcgtggggct ggcttcttca    780

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taaaaatagg	ggacttactc	ctaggagaaa	gaagattgat	cgcaatccca	gagtgaaca	1440
cagagagaag	ttcagaagag	ccaaaattag	aagaagaggc	caggttcgtg	aagttcgtaa	1500
agaagagcaa	cggttatagt	gtgaattatc	tggcattcgt	gcaggagtta	aaaagagcat	1560
taagcttaaa	tgaagttttt	gcttagcata	aggttttttg	cagtttttga	tcaataaatt	1620
tttactttta	actaaagtca	ttgtattaat	atataatact	ttaaatttta	aaaattcctg	1680
tccacaagga	aatttgctct	ggttattgga	caattttata	gaactatggg	agcaatatga	1740
aggtgcttga	gaaaagagat	gatgttgaag	ttttccaata	ttctgttgaa	gttttccaat	1800
attaagtatt	agcttaggga	aatttcacag	ttcattgtgg	agtgttaaac	ttagaacatg	1860
tgtaactttt	cacataaaga	gaatgcatct	ttgacagtta	tcttattttg	aaggcagcct	1920
ataaaatagt	tctgaagtat	tttattttacc	taactataat	tattgggccca	gatacttggt	1980
aataaatggg	cttaatgtta	acatggaaaa	aa			2012

<210> 4270

<211> 4288

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1174)

<223> similar to gi5817110 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4270

agtctcattg	gcagaggcgg	gaccgacggt	gtgtgcgga	catggcgag	cgcggcagga	60
agcggccgtg	cggcccgggt	gaacacggcc	aaaggattga	gtggcgaaaa	tggaagcaac	120
agaagaaaga	ggagaaaaaa	aaatggaagg	atctcaagct	gatgaaaaaa	ctggagcggc	180
agcgggcaca	ggaggaacag	gcaaagcgcc	tggaagagga	ggaggcagcg	gcagagaagg	240
aggaccgagg	gcgccctac	acactgagcg	tagccctgcc	gggtccatc	ctggacaatg	300
ctcagtcgcc	ggagcttcgc	acctacttgg	ccggtcagat	tgccagagcc	tgtgccatct	360
tctgtgtgga	tgagatcgtg	gtgtttgatg	aggagggcca	ggatgccaa	actgtggagg	420
gggaattcac	aggagttggg	aagaaggggc	aggcgtgcgt	acagctggcc	cggatcctgc	480
agtacctgga	gtgtccacag	tacctgagga	aggcgttctt	ccccaaagcac	caggatctac	540
agtttgcagg	gctcctgaac	cccctggaca	gccccacca	catgcgtcag	gatgaggaat	600
ccgagttccg	agagggcac	gtggtggatc	ggccccaccg	gccaggccac	ggctcctttg	660
tcaactgtgg	catgaaaaag	gaggtgaaga	ttgacaagaa	cctggagccc	gggcttcggg	720
tgactgtgcg	actgaaccag	cagcagcacc	cagactgcaa	gacctaccat	ggcaaagtgg	780
tatcatcgca	ggaccctcgc	accaaagctg	gtctctactg	gggtacacc	gtccgactgg	840
cttctgcct	cagtgcctgtg	tttgcctgag	cccccttcca	agatgggtat	gacctgacca	900
tcgggacgtc	agagcgcggc	tcagatgtgg	cctctgccca	gcttcccaac	ttcaggcatg	960
ctcttgtggg	gttcgggggc	ctccagggtc	tggaagctgg	agcggatgct	gaccccaacc	1020
tggaggtggc	tgaaccaggt	gtcctctttg	acctgtacgt	caataacctgt	cctggccagg	1080
gtagccgtac	catccgcacg	gaggaagcca	tcctcatctc	cctggccgcc	ctgcagcctg	1140
gcctcaccca	ggcgggtgcc	cggcacacct	gaaagtctta	aggggcccag	gacatcagtg	1200
aagcagcagt	gaaaccaggg	gctctgcagg	tcacttgagg	cggacgccac	cagacttgtc	1260
tccaaaaatc	accaccttta	atactccccg	gcctgcacac	acccacagtc	tcactgggct	1320
ccacctcac	ttactgcccg	ccgtgatggc	cttgaggctg	cctgcccggc	ccaggatggt	1380
tggcaciaag	agcagccccg	aagcccgtct	aatgctctcg	atgggcacca	ggaagcgctc	1440
cagtgggatg	gcctcatcca	caggtgccgt	tgggcatcac	gtaggtgcgg	agctcaattt	1500
gccacactgc	tgctccagg	atcagcacct	tgaagaagtg	tgtgggcact	gccacgtggg	1560

tcttgccgat	gacctggtac	tttacgtagg	atttcccatc	agcctctgtc	ctgtgggcag	1620
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ttccctgac	tgtcctctaa	cttctgtcaa	cctgcaggac	cacgccctca	ctgtgagact	1740
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tcctctgtgt	ttccttatgc	ccaacactgg	gtcaggcaga	gtgggcgaca	ataaacgctg	1860
ctaggagaat	cgagccttct	gaatattcac	attcgtctga	ggggagactt	aacgactgtc	1920
catctctccc	cacagagggtg	agcaacaagt	gggcaaggac	catgacaggt	gacatcccag	1980
caccagcaca	ggtgccagga	caccggacgg	gggctccccc	tcagcagagt	ctcctccctt	2040
ccaccaggcc	ctaggaggca	cctgctaata	aaatttgatc	agtgcctcaa	ccaccgcctt	2100
ggccagccta	tgccgagccc	ttaccatgga	ccaggccctg	gggaagcatg	tgacatcaac	2160
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taggtgatga	ggcctggact	ccatcccag	cctgtggatt	ccagagtga	ctgctcagcc	2280
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ctgggtcagg	cagatctaga	ttcaaactcc	cgagaagggt	ggaggggaag	gctccaagca	2460
gagcagagac	tgaaggcggg	agagcctggt	gcaccgcgga	cctgcagggg	gaaggcgtga	2520
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ggtgcactgc	agacctgcgg	ggggttccat	attggcagaa	caagattggg	tgggcatgcc	2820
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caaccgcgtt	cttttcccag	tctgagccac	aggaagagcc	tagcggggaa	tgccatgaat	3600
cgacctccat	cctgagctct	ccaggcctgg	gacaatggaa	agtggatagg	gggctgtctt	3660
cccagaagga	agctgggtca	gagggttggtg	ccccatgggc	tccaccacga	gccccatggc	3720
agtctccatc	cattgggtgcc	aggacctgct	gggaacaggc	tgagaggggtg	gttggcccag	3780
tgacacagtgc	ctggcactaa	caacctgatc	gtgggcccagg	tgtctgcctc	gaaactgcct	3840
gaaggcaggc	agggtaggac	aatgtctgga	ggctcacggg	tttatagact	aggggtcccc	3900
aaccctcggg	ctacagaccg	gtaccagaac	cgggccacac	agcaggagggt	gagcagcagg	3960
cgagcaaggg	aagcttcata	tgtattttaca	gccacccccc	cattgatccc	acagcagcct	4020
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tggatgaactg	cgcagtgtgag	gagggttgcc	gctccttttg	aaaacctaat	gcctgatctg	4140
tcgttgtttgc	ccatcacctc	cagataggac	tgtctagttg	caggaaaaca	agctcagggc	4200
tcccacggga	tcctacatta	ctgtgagttg	tatatattcac	tatatgttac	aatgtaataa	4260
taatagaaat	aaaatgtaca	taaatgta				4288

<210> 4271

<211> 987

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (961)...(622)
 <223> similar to gi6018317 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4271

ttttactgaa	aacattttatt	ttttattttat	ttattatttat	tattattttta	tgagccagag	60
tctcgctctg	tcaccccagg	cttggagtgc	agtggcggtg	atctcgggct	cactgcaaag	120
ctcatgcctt	cggggttcac	gccattcttc	tgcacagcc	tcccagagtag	ctcgggactt	180
acaggcgccc	gccaccacgc	ccggctaatt	ttttgtattt	ttagtagaga	caagggttca	240
ccccgtgttg	gccaggggaat	ggtctctatc	tcttgacctc	gtgatccaac	ctgcctcggg	300
ctcccaaagt	gctgggatta	caggcgtag	ccacagtgc	cggcctgaaa	acatttatta	360
caacaaaacg	tcagacctat	gtgacagtaa	gttaccacaa	gctggtaggg	ttgaaccggg	420
gcaggagtcg	ctggtacagg	gacctactg	cccaccccat	gctcagctcc	tgcttgagg	480
aacctctggc	tgaccagac	acaggatgga	cagctgtcag	aaaatctgga	caacagctcg	540
gtagggcgat	tgggcagcct	cctcctgtcc	atgcttctgc	ccaggctgag	cctcggagga	600
ggcctgggtc	ctggtcactc	tggggctgac	gacaatgctg	ctggttggtga	ctcggggccc	660
ataccagcct	gccagtagt	gggtgtccct	gccccatgc	tggaagagga	tgtagcggac	720
accccggggg	tagtctgaga	aggtgtagga	gacctctgtc	catgtggcat	tgttccactg	780
ttggatggtc	acagggtggg	gctcgaagga	ggccaacacg	aagtagtcag	ccgaggccag	840
ctgcactttg	agttggtagg	tgcagccaca	gtcggctctg	gcagcaaacc	agtccttaac	900
cacgatgtcc	ggccggaatg	tgtctagtag	ctcctcccag	tagccctcgg	ctacaagggtc	960
cgaattccac	cgcactggac	taatgat				987

<210> 4272
 <211> 1848
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1801)...(673)
 <223> similar to gi3875264 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4272

tttttttttt	ttgtatctat	gtaaatattt	tattctgctt	ccagatagaa	cattgaagtt	60
tacatgttat	tttaaagaca	ataaacagct	aagctactga	cataaaatat	acaataaatt	120
tatgagatat	aaggtagaca	tgagaaaaat	ctgaaataag	tttttaactt	catttagcct	180
attaggaaca	tgaagatgtc	tggaattgat	gctggccttg	gtctcaagta	ctttttccca	240
tatgtattcg	ttttatcctt	ccagaaagca	tatcatatta	gagtgtctaa	gaaatcagtg	300
aatcactaag	ttttccatct	taccgaagta	caaaacatta	tttcaaactc	aggccttctg	360
acagaatcca	atatctatct	ttatacttac	ttttctttct	actaagttct	ttcataaaat	420
tatgaatcag	aaagcaagta	caagacatgc	ttatttcaca	cagaatatca	atgaagactt	480
aagaagataa	atagcaagta	cttctaaaaa	atcacaaatt	ttgacatttg	gaacaatata	540
attgccatac	tattatatct	tttattaaaa	aagacctttt	ccagcttggt	tccagacttc	600
ttttactcct	ttaatgtctt	ctttcttcac	acacttccag	tattcttgta	tactctgatg	660

<210> 4274
 <211> 4928
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(4929)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2)...(1699)
 <223> similar to gi4003521 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4274

tgaaatggag	aaacaaagac	aagaggaaca	aaggaagaga	acggaggagg	aacgaaaacg	60
cagaattgag	caggatatgt	tagaaaagag	gaaaatacag	cgtgaattag	caaaaagggc	120
tgaacagatt	gaggacataa	acaatacggg	aactgaatca	gcatcagagg	aaggagatga	180
ttcactactt	ataactgttg	tacctgtcaa	atcatataaa	acatctggaa	aatgaaaaaa	240
gaattttgag	gatctagaaa	aagaacgtga	agagaaagaa	aggatcaagt	acgaggaaga	300
taaaagaata	agatatgaag	aacaacgacc	atctctcaag	gaagcaaagt	gtctttcatt	360
agttatggat	gatgaaatag	aaagtgaagc	aaaaaaagaa	tcactttctc	ccggaaaatt	420
gaaactaact	tttgaagaac	tggagcgaca	aagacaagaa	aaccgaaaga	agcaagctga	480
agaggaagca	agaaaacggt	tagaagaaga	gaagcgtgct	tttgaagaag	caaggcggca	540
aatggtaaat	gaagatgagg	aaaaccaaga	cacagcaaaa	atttttaaag	ggtaccgccc	600
tggtaaaactc	aaactcagtt	ttgaagaaat	ggaaaggcaa	agaagagaag	atgaaaaaag	660
gaaagcagaa	gaagaagcca	gaaggagaat	agaggaagaa	aagaaggcgt	ttgctgaagc	720
aaggagaaat	atggtagtag	atgatgactc	cccagagatg	tataagacaa	tctctcaaga	780
atttcttaca	ccgggaaaac	tggaaattaa	ttttgaagaa	ttattaaaac	aaaaaatgga	840
agaagaaaaa	cgacgaacag	aggaggaacg	gaagcataag	ctagaaatgg	agaaacaaga	900
atttgaacaa	ctgagacagg	aaatgggaga	ggaagaggaa	gaaaatgaaa	cctttggatt	960
gagcagagaa	tatgaagaac	tgatcaaatt	aaaaaggagt	ggctctattc	aagctaaaaa	1020
cctaaaaagc	aagtttgaaa	aaattggaca	gttgtctgaa	aaagaaatac	agaaaaaaat	1080
agaagaagag	cgagcaagaa	ggagagcaat	tgaccttgaa	attaaagagc	gagaagctga	1140
aaattttcat	gaggaagatg	atggtgatgt	taggcctgca	agaaaaagcg	aggctccatt	1200
tactcacaaa	gtgaatatga	aagctagatt	tgaacaaatg	gctaaggcaa	gagaagaaga	1260
agaacaaaga	agaattgaag	aacaaaagtt	actacgcatg	cagtttgaac	aaagggaat	1320
tgatgcagca	ctacaaaaga	aaagagaaga	ggaggaggag	gaagaaggta	gcatcatgaa	1380
tggctccact	gctgaagatg	aagagcaaac	cagatcagga	gctccatggt	tcaagaagcc	1440
tcttaaaaaac	acatcagttg	tagacagtga	gccagtcaga	tttacggtta	aagtaacagg	1500
agaacccaaa	ccagaaatta	catggtgggt	tgaaggagaa	atactgcagg	atggagaaga	1560
ctatcaatat	attgaaaggg	gagaaactta	ctgcctttac	ttaccagaaa	ctttccaga	1620
agatggagga	gagtatatgt	gtaaagcagt	caacaataaa	ggatctgcag	ctagtacctg	1680
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tttttcttta	aaatcacttt	tcttcttctc	ttttttagct	gatgactact	agctcccctc	1800
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gcggggccaa	aaaaggaaac	caggagtgcc	actatgctga	cttcttattc	cttttcataa	1920
cagtcttcaa	agcacagctc	atctaaagaa	tgccactctc	ttttccaaat	aagcatcaga	1980

tttatcgccct	attatgcagt	aacagtcfaat	aaaatgtact	tatggggggg	aattactcaa	2040
ttatttctatc	agaacctatt	ataaaagactg	tattttcccat	agacgtttac	agcaactatg	2100
tttaaaaaaac	aaaaacaaaa	aaaaaacacc	caaacctaag	tagaatacat	tattttgcat	2160
gaaggaaatgt	cattttctgag	cttttttacac	ctaaaatttag	gctgaaatag	ctgagataat	2220
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tgtagtttca	aagtctttcc	tgaagccaga	tatattgggg	attgggagcg	gggtggggaa	2340
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cgtatgtaat	atatattaaa	tttataaaagc	aaatttatgt	tgtgatcttg	cctgaacaaa	2520
ttatatttta	atgaaaaaac	tttctattaa	tagttcacgc	aagagaaaac	actttcaaca	2580
tagtcgaagg	cttcaagatc	taagtgtatc	agacttaggg	aaaaagtggc	acaaccttcg	2640
atttaaaatt	ctagtcttta	aaatgagttt	gtaaataatt	agctattacg	ttctattaag	2700
ttgtttttata	ttttaatttt	ctggaagaca	attttatttt	acaacgtgaa	cccaaataaa	2760
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gtgacctttt	acatacaatg	tcattaaagc	aaactctaaa	ccacagttgt	aaagtattca	3060
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taagccaatc	ttctttttac	acacgggtag	tttctgtaga	gaacattttt	ctcaggacga	3180
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tgcattttaa	agtgaggcag	agtttgcaga	aaataaaaaac	aagacatcct	cactgattag	3480
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taaaagatat	attttacaat	gtttataaac	aactagtatc	aaattactag	tttttagtatt	3720
aaaaccattt	tttataatta	aaaaataaac	tatacttctc	atttctaaaa	gaaacatcaa	3780
accatagaat	tctaagtatc	accacactaa	gctgtcttaa	aaaaaactaa	aaacattgtc	3840
aaatttttgt	ttaagtgtca	aataagtcag	ttcagtttca	atctaaacta	tacattgttt	3900
ctaacactaa	tatccaatgc	attcaaatca	actggctcac	cttttctgct	ttccatttat	3960
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tacactcaaa	ggattcctct	ttatgggtaa	ctatctcagg	acctgatttt	atgagctatg	4500
atlttggtgt	tgcagcatct	tcagcactgt	gtgtgaaaat	gaaggcagta	tttttgaata	4560
tttttctttg	ttgcagagat	aagcaggagt	tttaaaagga	tcagcacatt	ttagaaatcg	4620
aataaaca	actgataaga	tgctgctttc	atacattcaa	cttaactcaa	aatatgtacc	4680
agttaaaatc	atctataaaa	acacacaaac	atlttaaaact	ggcaaaaaaa	ttaaatgcag	4740
tgtcagttat	taaaatatta	ttaaatcaga	aaaatactga	ttgctacaga	ttatgaaagg	4800
ttatlttgcta	tacagttaac	atlttactga	tgcacatgcc	ttttatcaaa	accggacgcg	4860
tgggtcgacc	gggattccgg	ngggttccga	ggaattcagt	anggtttcat	tggcctgctg	4920
tggccagc						4928

<210> 4275

<211> 1941

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (411)...(1263)
 <223> similar to gi5441500 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4275

tcacaggagc	aaggagacca	gagcattctc	accacccagg	ccagttcccc	ttctctcccc	60
ctggggggtg	ctgggtgccg	gacacccctc	cccaggggct	atattagccg	tgtgagtcac	120
ggtggaccgg	ctgggaggcg	gcaggctggc	aggcacagt	taggggttaca	gtccatttat	180
gggcgcagcc	gaaggcagat	atcagtgtcg	atggcattcg	ctcccagcta	ttcttaggag	240
cctctcaaga	gctccacgca	gcccggctgg	gcagcaaggg	acagaacagg	caaggctggg	300
ggtcaggggc	aggggcagag	gtgtggaccg	ggcaggcgga	gtgcctgagt	gccctctcac	360
tcaaccctct	ctaccctttg	tctgcagagg	cggccgctga	cagcaccagc	atgtcttaca	420
gtgtgaccct	gactgggccc	gggccctggg	gcttccgtct	gcaggggggc	aaggacttca	480
acatgcccct	cactatctcc	cggatcacac	caggcagcaa	ggcagcccag	tcccagctca	540
gccagggtga	cctcgtggtg	gccattgacg	gcgtcaacac	agacaccatg	acccacctgg	600
aagcccagaa	caagatcaag	tctgccagct	acaacttgag	cctcaccctg	cagaaatcaa	660
agcgtcccat	tcccatctcc	acgacagcac	ctccagtgca	gacccctctg	ccggtgatcc	720
ctcaccagaa	ggtggtagtc	aactctccag	ccaacgccga	ctaccaggaa	cgcttcaacc	780
ccagtgccct	gaaggactcg	gccctgtcca	cccacaagcc	catcgagggtg	aaggggctgg	840
gcggcaaggc	caccatcatc	catgcgcagt	acaacacgcc	catcagcatg	tattcccagg	900
atgccatcat	ggacgccatc	gctgggcagg	cccaagccca	aggcagtgac	ttcagtggga	960
gcctccctat	taaggacctt	gccgtagaca	gcgcctctcc	cgtctaccag	gctgtgatta	1020
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agtctcgctc	cttcgcgcatc	ctggcccaga	tgacggggac	agaattcatg	caagacctg	1140
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acctctgatg	gccaaccgca	gcatttctgt	cctctgcccc	ccccagagct	gatgctgggg	1440
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cagtttccca	ccatcctcag	ctcctggcct	catcccctcc	tagaatgagt	caccctgtaga	1680
tcagggtctg	gggaagaggc	tgatccctgg	cgctgcccgg	ctccctcgct	gccctctgga	1740
gctcagggca	gcccgggaata	gggctctttg	aagaggaagt	agaagcccca	gggtaatgag	1800
gcagagaccc	ctcctggcag	tggtgagggtg	ggggcatgca	ccctcctttc	tgtaccgtgt	1860
gtgctggctc	catagttctc	tcttctgtac	atataagcat	gcttggttctg	aaataaagaa	1920
gatttgaagt	gaaaaaaaaa	a				1941

<210> 4276
 <211> 2674
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (55)...(1880)
 <223> similar to gi32456 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4276

gcgcattgac	ccctagaaca	gcgctcgaat	tgccgcgctcg	acccacgcgt	gcgaacccac	60
acaatggcca	gcgataccag	cagcctggtg	cagtcccata	cttacaagaa	gcgagagccg	120
gccgacgtgc	cctatcagac	tgggcagctc	caccccgcga	tccgggtggc	agacctcctt	180
cagcacatca	cacagatgaa	gtgtgcggag	ggctacggct	tcaaggagga	atcacgagagc	240
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ggagacacaa	actcagacta	tatcaatggc	aattatatcg	atggttatca	tcgacccaat	420
cattacattg	ctacccaagg	gccaatgcag	gaaaccatct	atgacttctg	gaggatggtg	480
tggcacgaaa	acactgcaag	tatcatcatg	gtgaccaatc	ttgtggaagt	gggaagggtc	540
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cagttcctgg	gctggccgat	gtacagggac	acaccagtgt	ctaagcgctc	cttcttgaag	1620
ctcattcgcc	aggtggacaa	gtggcaagag	gaatacaatg	gcggggaagg	ccgcaccgtt	1680
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gagatgctcc	ggcaccagag	aaccgtggat	gtcttttcacg	ctgtgaagac	actgagggaac	1800
aacaagccca	acatggtcga	cctcctggat	cagtacaagt	tctgctacga	ggtggccctg	1860
gaatacttga	attctggctg	atggtgtaaa	cagctctgca	aacaatccct	ttcataccac	1920
aaagccaaga	cgttccatgg	tatttgtgca	aaagagatga	agacttctca	atatgcttat	1980
tttgctttgc	ataattggct	ctttttaaga	gcccaagaaa	gtgtttctaa	aattgcttgc	2040
actgcccaat	cccagtaatg	ctgctgcctg	acagaaacac	acacacagcc	acagttgccca	2100
aatcccgtac	tccttgccac	cggttcccta	gagcagcgta	gacagctggt	aaactgaaga	2160
gcacaactat	attcttatga	aggaatttgt	acctttgggg	tattattttg	tggcccgtga	2220
ccctcgttat	tgttacagct	gagtgtatgt	ttttgttctg	tgagagaatgc	tatctggcat	2280
tatggtaata	tattatttta	ggtaatatgt	tgactttaac	atgttgcata	atatatgctt	2340
atgtagcttt	ccaggactaa	cagataaatg	tgtaatgaac	aaagatatgt	tgtatgagtc	2400
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caaaatgcaa	aactcaacga	tcagattcac	ggacccagag	cttttccatg	tgtttatatt	2520
gtaaatatatt	ttgatttcat	cgaaattatt	tattcattaa	aagaaatttt	tgtgaagcac	2580
agtgaagtac	aatcattttt	cttaaggcct	ggaaacgatt	ttctgtatga	tgttacttta	2640
tgtgaattct	catctcaata	aatgatgacc	cgtg			2674

001210"524600

<210> 4277
 <211> 1247
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1248)...(319)
 <223> similar to gi404751 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4277
 tttttttttt ttcagtggcc attggagatg tttattacac tgcttcggct ggacacgcaa 60
 ccatgtgaca ctaatgtgtc atagaaggct tctgagcact ttggctcatt ttgaatataa 120
 tttttaaaaa tatacacaag gctggctttc caatgtttta aatcattgta gaaaccaaca 180
 ggttgaacag aaatataaaa gtacagaaaa tggttttcct gctttggtgt tggttgtggc 240
 ggccgaggaa cgtgactgct gctgtttaca caagtccaga cgctgccagg gcctgttggg 300
 atcagctcag tctgcgacta aaacagctgg atcatcgact ctcttgactt gccaacacca 360
 acccatttga ctgagagagc agaaaagact gttatgatac acactgcgac tcccacgtga 420
 ttctccacaa agcggatgta gttctgggcc tgtgggggca ggtcctccca cctcctggcg 480
 cctgtggtgt ctgctttcca cccaggcagc gtttcatact caacttcgac cttctgaagc 540
 atctcctggt tagctgggaa ataggggaatc cttttcccgt tcagcttgta tgagacaccg 600
 actttaacct caccagtagc gtccaggatg tccagcttcg tcagggccag cgcagtgaat 660
 ccgttgacca tgtgagcata tcttagaatc atcaggtcga gccagccgca gcgcctcttc 720
 ctgcctgtgg tcactcccca ctgctggccc cgggtctgca gcaggcctcc aatctcggtg 780
 atctgctcgg tggggaaggc cccgatgcc acacgtgtgg tataggcttt caccacgcca 840
 tacacgtcac ctatgttctg cgggggggatg cccaggcccg tgcacacacc gcccacggtg 900
 cagttggatg aagtcacaaa ggggtaggtc ccgaagtcaa tgtcgaggag ggcggcggtg 960
 gcaccctcca ccaggatctt cttggggggg cgtgaggatg cctcatacat aaagtaaaca 1020
 ccatctcgga ccatgggtct gatccgctca gcaaagccct tgagcctttt gagttggcct 1080
 tcaatgtcta tttccagggt ggggaacatc gactggtgct ggtgggccag gttcttgaat 1140
 ctggaggaaa actcatcaaa atctgacagg aggtcgcaga tgcggaggcc tgtccgggca 1200
 gctttggaag agtaggttgg tccgattccc ttcttggtgg tgcctat 1247

<210> 4278
 <211> 201
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(186)
 <223> similar to gi536845 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

tggatggctc	cctggagaag	gaccgcactc	tgaccccgct	gggtcgggag	caggctgaac	240
tcactgggct	ccgcctggca	agcttggggg	tgaagtttaa	taaaatcgtc	cattcgtcta	300
tgacgcgcgc	catagagacc	accgatatca	tcagccggca	cctgccaggc	gtctgcaaag	360
tcagcacaga	tctgctgcgg	gaaggtgccc	ccatcgagcc	agacccgccc	gtgtctcatt	420
ggaagccgga	agctgtgtat	tacgaagacg	gagcccggat	cgaggccgcc	ttccggaact	480
acatccaccg	cgcagatgcc	aggcaggagg	aggacagtta	cgagatcttc	atctgtcacg	540
ccaacgtcat	ccgtacatc	gtgtgcagag	cactgcagtt	tcctcctgaa	ggctgggctcc	600
ggctctccct	caataatggc	agcatcaccc	acctggtgat	ccgacccaac	ggccgagttg	660
cgctcaggac	cctcggggac	acggggttca	tgctcccga	caagatcact	cgatcctgag	720
ggctccggcc	tctccttccc	tctgtcctcc	ctgcacaggc	cgcacacact	taacgttttg	780
ttcccaagga	gaccggcgga	aagtagaaac	ctgcaatgct	gcatctggga	actgacttgt	840
gaccaggctg	agaaggggag	agttgggagc	agacagcctg	acttctctgc	agggttttat	900
acctgaccat	gaacccccag	gatggcgtgg	ggtttaagg	gaaagcgtct	cacgcacaag	960
tcaggcctgt	tgtgggggac	tgaaagaggc	ctgacccagc	ccaccatggt	cgacccaca	1020
gctgacccgt	gctgagggtc	caggctccat	tggcaaagcc	ggtcaggcac	gagggcgact	1080
gaggcacgtg	gatgaggagg	gcacccagg	tctgttcaca	actcacttca	cttcatacat	1140
ccttttaatt	tcttaaaacc	ctcttgtccc	ttaaataatt	gtcaattaaa	gattttctgg	1200
ctgggcaaaa	aaaaaa					1216

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<210> 4281
<211> 1559
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1521)...(1393)
<223> similar to gil334349 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 4281						
agcggagagg	cccgaacacag	agcagcaggt	agcttttctc	tgctggcacc	ctggagacag	60
cctcggctgc	ggggcccctg	ccttctagtc	ctccccagct	ttcaggacac	cttgacaacc	120
tgggggccct	gcagaagtgg	cccggctgtc	ccccaaagtct	cctgaagcta	tctgggtagg	180
gtgggaggca	gtgctgtgag	ccacaaatgc	aaagcagagg	ggacagatgt	tgggactcaa	240
agacatgagg	tagagctggc	cccatgggta	ggtgccacca	ccagagccca	tgaggcttcg	300
tgttctagaa	ggtggtgggt	tagtgccgca	ctgagggcgt	gtccgggagg	gagcatgtgt	360
caccagggct	caggaaacag	catgagtcac	gacgcggggg	tgtttaaggc	attcgtgcca	420
cagcggggac	ctcggagcta	tgcccttgata	aggcaagtga	ggttacatgt	acgatgatgc	480
ggtttgtgct	gcagactgga	aaaaagcagg	ggctttgtcc	tctcctgacc	ccctcacact	540
ctgccttcac	ggtaggctcc	tgagaggggg	gtctccaagg	aggggtgtcag	tactgcagct	600
tcagctggcg	tggatgggg	gcttacagga	gcagcagggc	tgagggagat	gacagcagta	660
cgaaccgtgg	ctctcctgag	gcctgggttt	cctcatatgt	aaaatggggg	ttgcattaga	720
ccataccctt	ggcctgtgtt	taggcaaata	gggatgaaag	tggggccaag	ggctgaagag	780
ctgggtccgc	tgccgtcggt	gcccttcttt	cttgccagg	gagtgcactg	cgcaatcagg	840
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ggatgcacaa	ggccttggac	aggggtggagg	agcaccagg	ctccaggatg	actgctgaga	960
aatttctgaa	caggctcccc	aagtttgtga	tccggcaagg	cgaggtgatt	gacatccggg	1020
gccccatcag	ggacaccttg	cagaactgct	gcccattgcc	tgcccggatc	caggagattg	1080
tggtggagac	gcccaccttg	gccgctgagc	gagagaggag	ccaggagtca	cccaacacac	1140

09400735-012100

cggcaccccc	gctctccatg	ctgcgcatca	agtctgagaa	tggggaacag	gccttcctac	1200
tgatgatgca	gcctgacaac	accattgggg	acgtgcgagc	tctgctagcg	caggccaggg	1260
tcatggatgc	ctctgccttt	gagatcttca	gcacattccc	gcccaccctc	taccaggacg	1320
atacactcac	gctgcaggct	gcaggccttg	tgcccaaagc	agcactgctg	ctgcgggcac	1380
gccgagcccc	gaagtccagc	ctgaaattca	gtcctgggtcc	ctgtcccggg	cccggcccca	1440
gtccctgtcc	cgggtcccgg	cccggcccca	gtccctgtcc	cggacccagt	cccagccccc	1500
aataaagcac	ccgccccctc	aaaaaaaaaa	aaaagggggg	gggctgttaa	gaagatccc	1559

<210> 4282

<211> 2150

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (70)...(1230)

<223> similar to gi2662161 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4282

cgggcccagc	agtgggctga	tgctgccgac	gtctctgggc	ctgacgacga	gccagccaag	60
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atgggcgatc	tcagtgaagt	atcctctcat	tccagtgggt	ctcaccattc	aggaagccct	180
tcagctcact	gttcaaaaag	tagtgggtct	ctggattcat	ccaaagtcta	catcgtgtct	240
cacagcagcg	gacaacaggt	tcccgggtcc	atgtccaagc	cctaccacag	acaaggggca	300
gtgaacaaat	atgtcatcgg	ctggaagaaa	tccgagggca	gcccaccgcc	cgaggagcct	360
gaagtgactg	aatgtcccgg	gatgtatagt	gagatggatg	tcatgtccac	agcaactcag	420
catcagacag	tgggtgggaga	tgctgttgca	gagactcaac	atgttctgtc	taaagaagat	480
tttctgaaat	tgatgcttcc	tgacagcccc	ttagtggagg	aggggcgaag	aaagttttct	540
ttctatggga	acctgtctcc	aaggaggtcg	ctttaccgca	cgctgtctga	cgagagcatc	600
tgacagcaaca	ggaggggggtc	ctcctttggc	agttcccggg	gttccgtgct	tgaccaggcc	660
ctgcccacag	acattctgtt	cagcaccacc	ccaccctacc	acagcacgct	gcctccgcgg	720
gcccaccccc	caccagcat	ggggagcctg	agaaatgagt	tctggttctc	cgatgggtcc	780
ttatcagata	agtccaagtg	cgcagatcct	ggcctgatgc	ccctcccggg	cacagccaca	840
gggttagatt	ggacccacct	cgtggatgct	gcacgggcat	ttgaagacca	gaggggtggc	900
tccttctgca	ccctgacaga	tatgcagcat	gggcaggacc	tgggaagggg	ccaagagctg	960
cccttatgtg	tagatccagg	cagtggcaaa	gagttcatgg	acacaactgg	ggagcgttct	1020
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gaccttcgga	aggaaaaaca	agacaaggcc	gttctccaag	cagaagtgca	gcacctgaga	1140
caggacaaca	tgaggctgca	ggaggagtcc	cagaccgcga	cagctcagct	gcggaaattc	1200
acagaatggt	ttttcaccac	catcgacaaa	aaatcttagc	caatccgcac	ctcatcaagg	1260
gaccactggg	aaatgcccct	tgtccctttg	aagtcacaaa	catgtgggtt	ttctgtgtgc	1320
tttcaaccaa	tcgtagatgt	ttttgctggt	ccattctgtg	tagcaccatt	caccacagca	1380
ggatagggag	cctcgactct	ttctcggtaa	ccacggcaga	gagcagcgcc	gatgtgaaga	1440
tgaatgaatg	taactcctgg	tgtgaagatg	aatgtaaacc	ctggcgacag	ttgagacctt	1500
tttcttttag	actctgctaa	aacagtgtct	tggcttgggc	ttacctcaag	agggaagata	1560
gttgagtttt	atttctgtga	tatcaggtga	cctggtagag	atgtaaagca	atttaccata	1620
gtttgggctt	tagtatttga	aaataaacat	gagaacaaat	aatcagacat	atactttaat	1680
gttaaagggtg	ctctattttt	ttggatgtac	agtagtttta	tttccacagc	cacattacca	1740
tagcaataag	aaaggaggca	tagtacatag	ttggaaaagc	tttgtggggg	gattaaaaaa	1800

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aaaaaaaagc actgtggggg ttaacactag ttcagatgca gttaccttaa aaacttattt 1860
atttgcagga acaaaggggg cctgaatatt aacagggttc tgattaaaaa aaaaaaaaag 1920
atacatatgc cttgaaaagg gctcaccgag gggccagtag tcaattcaac tcttagttca 1980
cttttgtata gctgctctgc tggaaaaaaa tgaaagggaa tctgcttact ccctaaaact 2040
tccttggggg ctgggagcca gcggaaccac ttgtacaatg ccagatttgt ttatttttgt 2100
ccaaaacctt tgatgaaggg ccttgtattt aacccccctt ttttaagcttg 2150

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<210> 4283
<211> 601
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (604)...(342)
<223> similar to gi202523 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 4283
tttttttttt tttcagcggg aaaaatgtgg atttaatgga atgaaggatg aaagggcccg 60
aagccagcaa gtctcgcccc acctaccagc ccccacccag ctcccaagg gtctcagagg 120
gacactcttg gcaactggcct ttcacatctg ttcaacaacc cctgagctga aaagttgcag 180
tgggaggcct ccagctcagc aggtggactc caaaataccc ctcttgtctt atccactcca 240
ggtcgggggc agggaagcac atggggctgc ttctgcccag ttccctccac agccatcccc 300
aaggccaggc acacaggcac catccaaggg cctgccccct agcagtgaga ctctagctct 360
gtgagtctga gcagtgaagg cctgggggtg gcgggagccg agggtcctgc tgggttccgc 420
tggggcaggt cctcggtctg gcacatgagc tgacggattc tctctctgaa ggggcccttg 480
agggttccga gtctgtagag gctccaggca ggaatgcaga ccatggagga cagagccagg 540
agccagccca gggcatcgcc ccaccacggg tacgtgtact tcttggttgta ggtcagcgga 600
g 601

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```

<210> 4284
<211> 2635
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2638)...(1065)
<223> similar to gi2635219 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 4284

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caccacgcct	ggccaacttt	tgtgttttca	gcagagacgg	tttcaccatg	ttggccaggc	60
tggtgttgaa	ctcctgacct	caagtgatcc	accacacctca	atctcccaaa	gtgctgggat	120
cacaggtgtg	agccaccact	cccggccaat	aatatcttta	aaactaaaaa	aaaaaacaga	180
aaattgataa	gtaaaatgac	ttttactatt	gatatcagtt	ttgtttaatc	tgaaactata	240
aaatagagat	atatctacct	atztatggat	ggataatacc	atcatctcat	atttgtggaa	300
tgctttatag	tttttcaaag	tacttttatt	cactttatct	tccatatatg	ttatctcctc	360
tgattccagc	aataacagcc	cggtgaggta	gccaggggcaa	gtatgttttt	ttacacatta	420
gcaggaaggg	aggctaagcg	aggtttatgt	aacttactca	ggctgaaaca	ctgaagaaaa	480
atttgtgact	ctcattttcag	tgatgttttc	tgcatatta	aaaaatatta	tgctactcct	540
cactatatta	tgttgatggt	tgaaatgtca	ttataaagct	taattttatat	gattctcttg	600
atgaggatga	tgaagcaaat	gctccatcaa	ctcactagtt	tacagggggc	agcatttttc	660
tacatttcac	acataatttg	attacctctg	tcctaagtga	ataacttact	atctggggtat	720
gagaaacatg	atttgaaaac	actaaaccac	tatatatttt	caacaagaag	ccatcttttca	780
cacctaagta	aaaaggaact	tcaaaaaaag	tcctaaccac	aaaaaatcca	aatgatgcac	840
gaaatcaaag	tcaaaaattg	gggtatcttt	taatctgttt	cttcggttgt	ggtgaagaat	900
gttgctgga	ttcctttcaa	tctaaagact	tgattgttag	acctgtggca	gaactctaga	960
tctgacttta	gccttgggga	agcaaagagg	acaaaacct	aaagctcaac	tttctgcatg	1020
gtatgcatga	ttcaatgagc	tctttctgct	ttggagtctg	ttggcttgga	gactcggata	1080
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gcctggagca	gatgggagag	cattttcaca	tctccttta	gtaaggttgc	caggatataa	1320
cgctgcagct	ctgcattgtg	aattcgaatt	gaaccacctc	ctatttcatt	gccatttaaa	1380
accaagtcac	agtgttggt	acgggccttt	ttgggctcag	tgtacaggag	atgtatgtca	1440
ctggggtggg	gagcagtaaa	tgggtgggtg	gccgattcca	gctctctggg	attttcctcc	1500
ttgggcagga	agagtgggaa	atctaccacc	caaaggaaag	agaacagagt	ggggtcacgg	1560
agcaccactc	ctcttggttc	tagaaggtca	gcacattcca	gtcgtaat	tcctaacaaa	1620
gagcatgctt	tattgtgctc	tccagcagtt	agtaggacca	catcttcctc	ttgggtctcc	1680
attagtctga	ttaattccag	tctttgtgac	tccattatga	aattagcaac	tggagaattc	1740
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aagtttctaa	tggattcaat	gtctttcctt	tttaagtatt	ttgctccttc	agggatacat	1860
atggctttct	cagttccatg	gggcttacta	agtgcattct	gaagaaatcc	aatctctgtg	1920
tttctaaaca	catcactgat	atctataatc	ttcattccaa	agcgagtgtc	aggtttatca	1980
gttccatagg	tggccagcac	ctcagcaaaa	gtcatagtag	gaaaagggaac	aaccacagga	2040
tctttgtcat	tgggccaggga	atactggagc	aaacctcaa	ttaaactctg	gatcccagtc	2100
tgggtctacaa	atgacatctc	tatgtcaatc	tgagtaaact	caggctgtct	gtctgggtctt	2160
gaaccttcac	ctcgataaca	tggggcaacc	tgaaaatatc	tgtctaaacc	gccaaccatc	2220
agaagttgtg	taaaactgtt	aggactctga	gggagagaat	aaaactttcc	aggttccctg	2280
gatggtaact	aaaactcttt	ggcaccccc	ggggtcctct	taaacaatgt	gggggtttct	2340
atatccacaa	acccatgcag	attacagaga	tattcccgcga	ttttcatgac	catctgggac	2400
ctcagtcgca	ggttatactg	catttggaac	ctacggaagt	ctaaagtacg	atactgcaac	2460
cgaagagcct	ctgttttctt	cacgaagttc	ttaatctcaa	agggcagctt	cttgaggga	2520
ttcagaagct	cagctgtttt	aactttgatt	tcaatctcac	ctgttggcat	ttttggattc	2580
tcttgtcctg	caggacggga	aatgactgta	ccagacactt	gcaccacaga	ttcca	2635

```
<210> 4285
<211> 2644
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (2643)...(1538)
```

<223> similar to gi474282 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4285

tttttttttt	ttagacaggg	ttttgctttg	ttgccccggg	tgaattagac	tttgggtttc	60
aaaaaaaaaa	agggtcaggg	gaggaagagc	tgtcacttca	gtgttaggac	ctgagctcct	120
tgctctgcac	aacagcccca	gtgtttcagg	ccccctccca	gggagggcat	caggaggagg	180
gggaaagggg	gctgggttat	gggaagttca	ttcttctgcc	agatagtctt	tcggctgctc	240
ctttttatct	tctgggtctt	ggcttgaagg	tcacctgccc	agagaggccc	tccctgaccc	300
cgtagggtag	gtcctcagct	gtctatctat	ctcctttgta	gcatttccta	tgacctgcag	360
tcacttcact	tacttgtcag	tttcccttac	catcgctttc	tccctctctg	accccttgac	420
tgcagggtct	atgactgtct	cactctcagc	ggtgtccctg	gcctctagcc	cagtgtctgg	480
tccgttgcag	gcactcacca	agcatctgct	gaatgatgga	acagacggac	actcaactgg	540
ggtggccagg	agacggcagg	ggcgagactc	tcctttgcct	tttttgggct	gtgtgacctc	600
aggcaagttg	ctgctcctcc	ctgggcctct	tcccaatcta	aacctgagta	taaataaaca	660
actgcatctg	aagggtcggc	ctcatgcttc	tcgaatatat	caggaccgat	ttcaggggag	720
gtaatagaag	ttggaatcgt	ttactaaatt	ataccttaaa	tcaactgctg	gctgattatt	780
atttctgatg	gtaacattgc	aatgggtttt	ctaggagtca	ctgatgtgca	atgagcccaa	840
tcatatttct	tattcaataa	actcttttat	tctagtccac	agatttttcc	attacaataa	900
taatgaaaat	agcactagta	at ttgtaaca	ctgaggccca	aagggaacc	cctcctcaaa	960
ttataaggta	aatgacacaa	agttgaacat	agggtcagtg	ttgggcaaaa	agcattttaa	1020
atatagataa	cgggggtcaag	at ttgtgtgt	tgtgcaaaaa	ctgggttttg	tttttcagga	1080
tgacaccatt	ttagaaagtg	catgattttg	aaaactatat	gtgtaattgt	gacaaaacta	1140
aactgtagag	aaaagacaaa	atcaagcaaa	aacaaaaacc	aagaaaccaa	aaggaagcaa	1200
atcaaataca	aggggcggat	atgcaaacct	ccggtccttt	ggccctggaa	tggcaagtga	1260
gtgggcttca	tagaaattct	ctgtagaaag	gaatgtgtgg	gccagtgtgg	ccatggccct	1320
ggcctgacat	cgctgagtct	ccaagtcttg	tctcctcaca	gaggaaaaga	agttgcttgt	1380
ccgacacatc	tgtgggggtg	ctgcccagag	tggggccttc	gttcccaatc	cctttgagaa	1440
cagtctcaaa	tcctgaaaag	gcaaggcatc	cctgcggcgg	ccccagggcg	gcggcaggag	1500
atgggggtcag	tgtctgcccc	aggctctgcc	ggagctgtct	gagtgggttca	ccgggagagg	1560
gtgggcctcg	gtgttgaaca	cccagttctc	caggggagagc	aagtcatctt	cagagaacag	1620
aagatagaga	tacttttagtg	tctccgctag	aaagaagctc	tgctgcttgt	tgtcgtgggt	1680
gggggtgcta	ctgtacacgt	cttggatccc	agagaaaccg	gcttctgtcc	gacagtattt	1740
ctccaaggcc	agcaccacct	cccagcccca	ctccctgtag	atggggttgt	gggtctgtcg	1800
ccacaggtac	atgtagctct	ccaccacctc	tggccggagg	atgtagtagc	tctcgctcag	1860
ctgggtggcc	acggcctctc	tgccggagtt	aaaccagaag	gcctcaggcc	caagtttggt	1920
gtctgagcgg	gcgtatgact	cgtgacacgt	cttgggtgatc	tgggctgcga	gctctcggta	1980
gtgggcccctc	ttttcttcc	tggcatcctc	ggcgccaagg	gcgatcatgc	ccccggagaa	2040
acaggccagg	tgccccatct	tgtggtccag	aatccccctc	cgccactcgg	caatgtaggt	2100
cagcccccccg	ggagagacat	tcagcaagta	ggtctctatc	gcctccaagg	cttcgtagta	2160
catattttta	gcctccatat	ctgtcttgcc	cgacatcaac	caggatttga	tcaaatattc	2220
ataaaaactg	tccccgagtc	ctccaactga	gacatggtgt	tgcacccagt	tccactcac	2280
tgggctgagg	aagttggggg	agaggccaaa	gggcttttcg	atcttctctga	ggaccttgcg	2340
gatgttctctg	accttttcag	cgaagacctg	gttgccagag	agttcagtga	ggtgtaagaa	2400
ttccaagtgc	agggatccaa	actccgcaa	gatgctgctg	ctgccggctg	tggcccagcc	2460
ccagttccca	cttttgaagc	tcaccacgcc	ctttgggatt	cccgtggggg	tgttgaacgc	2520
cggcaggagc	ttctctccca	gcctgatggc	ctttattcgg	aacacctctt	ctcctgtcag	2580
gtagaaggct	gagaggagtc	ccccgatgta	gcggatgttc	acctcaaaca	aggatgcttc	2640
tccg						2644

00433.0100

<210> 4286
 <211> 1542
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1440)...(1146)
 <223> similar to gi553070 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4286
 tttttttttt ttcaaatgcg atttattgta cataaaataa attaattaca gttaaagcca 60
 aagcatgagt ggctttttta agtgcacatg tggaggggat gtggcaggta gcccctgttc 120
 acttgctgta agataagtgt ttttagtattt cagccaccct taggcacacac tcagccaggc 180
 ctaggaagca acccaacgtc attgccatga accattttaca caagtcacac caaaatcaac 240
 tgacacattt ttttcctgat ggaacagtta aaaaaacaaa aaactataca gtcaaagtct 300
 ggggttgaag agcgtgaagt tcacagctcc tccacacacg cccaactgag catgctcatc 360
 ctgtgagggg gaaccagagc cttcctgtaa accatgagag cttaccaatg tctggtatac 420
 aaaatattct ggcccataaa ctcaacctgt ttttgagggg taggggattt tccatcttgt 480
 acataaagaa agaaatctgg gtatccttca ggtagaaaag gcattctgta agaatagtgt 540
 tccagagtta caaatcatac tggtaagaga aaagcaattc ttctctcttg ggaaaaagag 600
 gaaaagaaaag aagaaaagag aaaaaagaaa aaagggggaa aaaagaaaag ctatcaatgc 660
 ttaatctgtt ctttcattcc cactgtaaat cacatccaat acatttggtg aaacttgcaa 720
 cgggaccacc atttacaagg tagttgaatg cagaaaccga aacggattat gccccctccc 780
 cactctaaag gaaaagacac agagtacatt tcacatattc agagagtggc tcagtgggct 840
 ctttcaagcc tcatcaatcc tgtccccctg ctccagaaca cacttccttt tctgtagcag 900
 ttccacagcc cctcttgacc cttctgctcc agccctttct ggaaccagga atcattgcca 960
 atattcaacg ttctctgact aggagaacct caggccctct tctgggaag accaaacccc 1020
 cttgagtgtt cctcctgctt cagacggagg tgacagtcct cactttggca gagagggtt 1080
 gcttaaacct cctcttcagg tctgcatgtt tgggtgactt gggcctggga atgagggagg 1140
 ttcttcgctt ctcggtgta ctgctaggct gctgtttgtg actgacctct ttacagagga 1200
 cgtggaaggc gctgtagaca tcattataat tttcactgac agacacttca tagaatgagc 1260
 agcctagcat gctggctagc tgcagtccaa gctgagggtc aacctgtttg atgtgcaaca 1320
 ggtcagcttt gttggcctcg accaccacag gcagccgggt gccaggtgt agcttctgca 1380
 cgtgctgggt gagctggctg atgagttcat agctcttgta gtcagtgat gagtacccca 1440
 tccccccagc atgtgcacag ccaatgcact atattaagct gttcactgca gctcagcctg 1500
 ttctcatggt cctgaatacg tggagtgtgt tgaagctgtc ag 1542

<210> 4287
 <211> 1333
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1311)...(500)
 <223> similar to gi3879119 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	4287					
tttttttttt	ttccatgaga	tgcctgccat	gacaggcgcc	acaaaccttt	cctttaattg	60
caaaacatgt	cccagtccc	ggaggcttg	gaagagtgg	aaccagggga	accagggat	120
gggattccac	tgaaaacaaa	ccgtcctgct	gtcctgtcga	gggccccac	ccacaggatg	180
tagccatggg	acagccactg	agggtccagg	aagagggcg	gcagagcagg	gaggcaggga	240
cagggagggg	tcgcccagg	gcagtggcag	ggctggaact	cgtccctaac	atccctgagc	300
cccagcaggt	gccctgtgtt	agaagcgaga	gggctggtgg	gggtgcgtgg	acaaggggca	360
gaatgatcct	gcccccaacc	agtatcgcca	ggcgtggcc	cagtggcccc	aggccctggc	420
agctggcgtc	ttccgctgcc	ttccctctgc	tctgcgcggg	gacattcagt	gcgctgggga	480
ggcctcggtg	atggccctct	ccaccgcgag	gtaccagggc	tggatgtgcg	tgtgctgcat	540
caggtcatcg	aatgcatcca	gcccctccat	cacacgcagc	acgccataca	ccgccaaatc	600
agcgagattc	ggcttctggc	cccccatgaa	gggcgggtcc	ttgccacag	cagccacca	660
cttgtcagca	gcctcataga	ggtcctcgcg	cacgttgtcc	tggaggcggt	gcctgctctt	720
gagtcgcttg	ctgatgaggt	acatggccgc	tgcacccatg	tacttgcca	cggcacctc	780
cacggctccg	aacttgccct	cgcggacaat	gtagtcaaag	gacgccagag	cctcgggtgg	840
cgtgcggtac	acattggggg	agatcaggtg	caccagccag	tcgtccgccc	actgccgcca	900
cttcatctcc	tcgctcctgg	cctccttccc	accatacact	tgctgggcct	ccttctcggt	960
gagcatgagc	cagtacttat	tgccgaactc	ggtcacctcc	ttgccctgct	cgttcacagc	1020
cttcatggct	gggtagtagg	tgatgatctc	ttccaggggc	tgccccgaca	ccaggtaggt	1080
cttgagggcg	ctgatgatga	cacaggagtc	atttagttgt	tgcgagcttt	ctccttctctg	1140
ggccaccagg	atgggcacct	ttctgtagga	ggagaacttg	atctcagccc	tcgctcagg	1200
gttcacctcc	accacctggg	agggcagggc	atggaagtcg	aggaaggctc	ggaccccgct	1260
gcagaaggga	cacgtcgtgt	actggtacag	ggtcagctgc	aggcggctgc	acagggagag	1320
ctgagcggct	gag					1333

```
<210> 4288
<211> 1966
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1157)
<223> similar to gi4240227 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	4288					
gcagattttac	cattttccag	tgagtttttc	actctatggt	ataactggct	tccttccaag	60
caaatgcctt	gcaaaaagaa	tgaagaaaat	gaggactctg	tattttcaacc	aaaccagccg	120
ttagtagatt	ctatagactt	ggatgcagtg	tcagccttac	ttgcaagaac	atcagctgag	180
ttgttagctg	tggaacaaga	attagcacia	gaagaagaag	aagaatcagg	acaagaagag	240
ccaaggggcc	cagatggaga	ctggctaaca	atgctaagag	aggcctctga	tgaaattgtg	300
gctgaaaaag	aggctgaagt	taaattgcc	gaggacagta	gctgtacaga	agattttaagt	360
tcatgcacta	gtgtgcctga	gatgaatgaa	gacgggaaca	ggaaagaaaag	caactgtgcc	420
aaagaccctca	gaagtgcagcc	acctaactaga	ataccaacac	tggttgacaa	agagacaaac	480
actgatgaag	ccgctaataga	caatatggca	gttcgcccc	aagacgcgag	cagcctgagc	540
tctagacagc	atccgtttgt	gaggagcagt	gtgatagtgc	gctcacagac	cttttctcca	600

```

ggagagcgga accagtacat ctgcagggtta aatcgggagt acagtgacag ttcaaccctg 660
gctaaaaaat cactgtttgt gagaaactcc accgaacgcc gcagtttgag ggtcaaaagg 720
acggtttgcc agtcagtcct tagaagaaca acacaggaat gccagtgcg gacatctcta 780
gacttagaac tggaccttca ggcattctctg acccggcaga gccgcctcaa tgatgagctg 840
caggcgctga gggacttgcg gcagaagctg gaggaactga aagctcaggg agagactgac 900
cttccaccag gcggtgctgga ggatgagagg ttccagaggc ttctgaagca agctgagaag 960
caggctgaac agtccaaaaga agagcagaag caaggctctga atgcagagaa gttgatgagg 1020
caagtctcca aggacgtgtg tccggtccgg gagcagagcc agaagggtgcc tcggcagggtg 1080
cagtccttca gggagaagat tgcctacttc accagagcaa agataagcat cccatccctg 1140
ccagctgatg atgtgtgatt acatgactta agaaattatt ttttcatctg ttcaactttct 1200
tagggagggt aaaagactga agatttgtgt ttttgttttg gggtttggtt ttttttggtt 1260
acgtaactgt caactcttga agaactttta tttcacatca gattttcaac acattaattt 1320
gtaaagtacc ttgagtgtaa tttttatatg cttaaaaaag aaaaaatcat ataagaaaga 1380
tgggataacc tggtagacaa atgttgccca gtatgtgcgc attgccagtg gacttcattt 1440
tgtaaaaatg gaatagaggc agtaccaccac ttgtgtactg ttgagccggc gtttgagaaa 1500
caacttggtt cagccgggtg ttttgcttct cctttgtgtt cctgtgagta ggctgtgccg 1560
atggcagcag cgccacgtgg tatctgtgcg ctggcgagga gaggagcgct ttccatttgg 1620
aggcagtgtg agcacacgct ggagtgcagc gttccaaaag cgcgccgaaa tggatgctgc 1680
gtccacggcc atcacctgtg cgggaacacc tggtttccct aagacaattt cctttttgtc 1740
cttttatatt tttctaaaga aaactaagat ataaactacc aagtgtctctt aagaataaaa 1800
ataagaataa gaatacaaag gagcactact cttggctaca cgaaagatct tgggattcat 1860
gacactgagg gcagggagaa gaaagaacac cagccacgca gagatacaaa taagctcatc 1920
aaatgagcag ctgggtttgtc tcaactcagcc tgaatttgca ttaagt 1966

```

<210> 4289

<211> 1553

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1555)...(1358)

<223> similar to gi4753766 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4289

```

ttaactttca aaacagtaaa caatttttatt tatattttatt gtatacatat acaagaaaaa 60
tacttatatt tatttttata tcatcatttt aaaattgaaa ttaatttgta gatataccta 120
atcaacatct gtaagaattt caaaattttc aaaaagccag ataagccaat ttattttattt 180
aaaactatta ataggcatat cactaagatt atatgacagt aaaaaaatga gaagattaac 240
atatttgctt attagtgtaa acattattac actatattta gctttgtgta gagctttaca 300
tatcaaaata tttaatatat aatactattt gttatgcagg ttttctaata ccttaaaattt 360
ttactatgta agcaattatt tgatgaattt accatttcta aagattgaga ctgaaaagca 420
gttcaactgat cttacttttc gaaccagcat ctcttttattt ttctacagta aattatactt 480
ttgattatag agataagaat tatgagtatt catcattttt aaagaataaaa catataaatc 540
ttctttaagt gtactatcaa ataaatttta taaactcagt aattatcacc acatattttca 600
aatagttact aatcccaaaa atatctgttc accttgaata tcttactgac atgttctcta 660
tgtgagaaaa aaaatagttt cttttgttat ttgatggcaa tcatgagaaa ggtcttttta 720
tcatcaagaa aacagaaaaa agtattgggt gagtgatggc agaaatgtag gccatgacat 780
ctagatgagg tctatggaaa tacagcaaac ttttctaagc ataatgccat gtcatcatta 840

```



```

ggcagacaga gaagcgtgtg ctggagactg aacttggtga ccatgtactg cagaaactga 1260
ggactaaagt cactgatgaa aggaatggca gagaagcttc cgataatctt gcagtgc aaa 1320
atctgaaggg gtcattttct aatgcttcag gtttggttga aatccatgga gcaacagtgg 1380
ttcccattgt gagtgtgcta gccccggaga agctgtcagc cagcactagg aggcgctatg 1440
aaactcaggt acaaactcga cttcagacct cccttgccaa cttacatcag aaaagcagtg 1500
aaattgaaat tctggctgtg gatctaccca aagaaacaat attacagttt ttatcattag 1560
agtgggatgc tgatgaacag gcatttaaca caactgtgaa gcagctgctg tcacgcctgc 1620
caaagcaaag atacctcaa ttagtctgtg atgaaattta taacatcaaa gtagaaaaaa 1680
aggtgtctgt gctattttctg tacagctata gagatgacta ctacagaatc ttattttaac 1740
cctaaagaac tgtcgttaac ctcatcctaa cagacagagg cttatactgg aataatggaa 1800
tgttgtacat tcatcataat ttaaaattaa attctaagaa gaggtggtg gcagtggctc 1860
acacctttta tcccagcact ttggggganc caaggcagga agactgcttg aaaccaggga 1920
gtttgagacc agcctgagcc aacaaagcaa gacccccatc tctataaaaa ctaaaaaaat 1980
tagttgggca tgggtggcaca tgcctgtagt cccagctact ccagaggctg agatggatca 2040
tctgagcctc aggaggttga ggctgcagtg agctgtgact gcgccactgc actccagtct 2100
gggacaacag agcaagaccc tgtctta 2127

```

```

<210> 4291
<211> 856
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (17)...(546)
<223> similar to gi498983 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4291
cccacgcgtc cgacttttta cagtaatcac ttattttttt gtggttaattg gcattgcccc 60
aattttttatc ctttatgaat tggattcacc actctgctgg aatgaagttt ttatagggtta 120
tggatcagct ttgggtagtg cctctttttt gactagtctt ctaggaatat ggcttttttc 180
ttattgtatg gaagatattc atatggcctt cattgggatt ttaccacga tgacaggaat 240
ggctatgacc gcgttttgcca gtacaacact gatgatgttt ttagccaggg tgccgttcct 300
tttcaactatt gtgccattct ctgtttctacg gtccatgttg tcaaaagtgg ttcgttcgac 360
tgaacaaggt accctgtttg cttgtattgc tttcttagaa acacttgag gagtcaactgc 420
agtttctact tttaatggaa ttactcagc cactgttgct tggtagcctg gcttcaactt 480
cctgctgtct gctggctgtg tactacttcc agccatcagt ctatgtgttg tcaagtgtac 540
cagctggaat gagggagct atgaacttct tatacaagaa gaatccagt aagatgcttc 600
agacagagcc tgttaagctg ctattgatag tggagctta tatactgtga cttctgaaga 660
ctatacatga attcccaat cagtgtcttg ttgatacaaa atccttaaaa gggaggcact 720
ttaaagaata tgtatttttc acttttctta atatgtttca tcggtgacag gcatgataat 780
atttctatat gtaatgggta attgggaaaa aatagatgat aaataaaatt gctctaaaga 840
agttaaaaaa aaaaaa 856

```

<210> 4292

<211> 1371
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1371)...(1131)
 <223> similar to gi3413874 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4292
 ttttttttta agaagacagg gatctcacac tatgctgccc aggctggact cgaactacta 60
 ggcccaaagc catcctcctg tgtaaaccac ccgagtagct gggagtacag gtgtgcacca 120
 ccatgcctgg gctttgtagc atgtttaaag gaacctaggt gatttagtca aaagagaaca 180
 ctgcatgaac caaggcctca ggtgcttctt gctgccttca tttccacaga ggagaacaca 240
 gggatttaga ggagatggaa acattttcta ggcagttatt gaataacgga tctttggagg 300
 agttcgtgga gtagtgtaac cagaaagtct ttaaaattaa acccatctta atcgtttgta 360
 agtgtagatg gggggacttg ggaaatctcc ggggcctaata catggctcgc aaaaggagtg 420
 acattaatag ctttgagat ggtgtcttcc tctcctttcc caggttaagt tcaagcagta 480
 acagcagagg ttctacctcc ttccatcgag tctttaagct ggacccgggg gaaaataact 540
 gttagggaaa agaggcaagc atccaaccca ctcgagctgt gggctgacag tcccactggg 600
 atcgtcccat ggagacaatt gcaagtcttt tgcagtagct aaaccccgct ccacatggaa 660
 ccgaagggtgc tcattgtcag ctaccacgca atgccattat cacctttcag cccaagtgcc 720
 acagaccaac actggctata ctccaatgag gtgtggcatt cgggttcttc tgccttcagg 780
 tcacaacctt tctgactcag ctgggctaca ttaaacctga agctctgtac aatgtggaga 840
 gcggtgttgc cttcattaca agtgggtgcag cattggattt tcaagtaagt ctaagtgttt 900
 ctattgtcct taaaatgaca tatgtccagt tatttaaaaa aattacaaaa tacaatgcc 960
 cgtgttaatt tagctagtct cagacattac attcgacaac atagaaaagc caaaagatct 1020
 ccagttataa gcacaaaact aaggaaagt atggatcagt gacttttgtc actaatccat 1080
 tttctttttt aagtcacctc cttttatggc cttgcttggc tggtttttac attgtgcatg 1140
 acttgtctgt tggaccctgg ggaggtgggg caggtcctat ggtaggattt gtttttgga 1200
 gaacagcagg ttttggccta agggctggag gcttcagctg cacgcccatt ctgggtgcc 1260
 ccataggctt gaaagtactc attgtgtcac tggaggagct cgtgctacgt cgaatctgag 1320
 gctcggagct cctgagggca acgttgtgca aagggtctgag agattccggt c 1371

<210> 4293
 <211> 2141
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1910)...(720)
 <223> similar to gi5257133 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4293

tttttttttt	ttattacaaa	cgccagttgg	ttcctttttt	aattacat	aaaaaagaca	60
aaggcatgga	gctgtatgga	tgacacac	tgaccactga	cgaggaagat	ttcactcagc	120
cacgtctcag	tggagtctca	gaggggaggg	tttccacaca	gcacggtgcc	aagggccagt	180
cttgacgctg	tcatagacaa	tgacatgcaa	gccccagccc	tggctcgtgg	ttcaggtggc	240
cctccaacac	tgagctgtcc	cgggagcgct	gccgggctcg	ctgagggcag	ggccgggact	300
tgctcaggtt	gctgggtggt	catgaaggag	gatcgggtct	gccagatcaa	actccaccct	360
gcagcaatta	gcaaggacca	ggccctgggt	tgctgaggct	ccactgctgg	ccctggggtc	420
tcggcttttc	gttgtcgatg	actcctacgc	tggcctctga	aatactccct	gtgtcttagt	480
tcaggggtga	agacacggaa	tatctttatt	gtcagagaaa	aattaacttt	gcacaaaagg	540
aggtgctcat	cagagagctt	ttcaatgaga	cccccatgtg	ttccactaga	ggccctgctc	600
agccccagccc	gtgtcctccc	agcgtggggc	ccaccctgct	cattacgtac	attgaccaag	660
acccttcaac	ctcgtcccga	cccagcacg	ggtgttcttt	gccacactct	tgttctagt	720
ttttcggatc	aagatgtccc	agctgtcttt	ccagcgaagg	gccttgagtt	catgtggcga	780
gagtgacttg	tccccgtagg	tgagtggg	cagcgtgttg	gacacgtggc	acgcggagga	840
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gtcgtgatg	tgctgcagga	ccacagggag	cagaaggatt	tggaaggatga	gtgcgggcag	960
gtagtggtag	aggaagagt	tcttctccat	caggaagaac	gggaggtagt	tcactgcccc	1020
gccaccggca	cacagcgccc	cagccagcac	ccagcgcagc	caggcatcct	gagggaggtc	1080
atggacat	cttcgcccgc	ggagcaggta	ccacaaggac	agcagggcgt	agatggccag	1140
agcgaggctg	cccgaacccc	agatcactat	gtttccaagt	aggtggatct	gagcgtggt	1200
cctgggggtg	agccagtagg	caatattggt	gtccagggtg	acccactcca	gtgggctgga	1260
gctgtacttg	tgttccgagt	catcacttct	cagcgcagc	atcctccact	gcagctccga	1320
gaatctcgcc	atgaagctga	ggttcctgct	gacgtccacc	tgcgaggtg	agtgcagctc	1380
ccgttcccgc	tccctctgct	cctggctcgc	gccgtatcgg	tgctcctcca	cgttccacac	1440
cgtgctccc	tggtagcccc	gggacagctt	ctccccgacg	atctccagtt	gccgataccc	1500
ccagtcagg	aggtgagccc	cgctcagctt	taagacagcg	gaagtgttca	cgtcacaaa	1560
gcggacctct	gagaggatgg	tcttccagac	gtctgtgtca	gatcctctgt	tcacaatttc	1620
cagtctccag	aggttctggg	cgggcatgga	gatgttatag	tcaatgtagc	aggagacctc	1680
ctgtgaatgg	gggctcagg	gggctgcaac	atcatgcgtg	ttcagggagc	gggtggtcat	1740
gccgtggacc	agctgcacca	tgtcccgcgt	cctcacaggt	ctcggagggc	tgctcaccac	1800
cagctgggtg	ctcctgggat	cctttacaat	ccaccaggtt	ttgacgtctt	tgaaggggta	1860
acaggtcacc	tggtgtggtg	gggagctgcc	tcggccggtt	tcatatctgt	gtgaagtcaa	1920
caaagagatg	tatctggggc	aggcgcggtg	gctcaggcct	gtaatcagag	cactttggga	1980
ggctgaggta	ggataactgc	ttgagcccag	gagtttgaca	ccagcctggg	caacatagtg	2040
agaccctgtg	tctat	ttatagaaa	aaagaaaggaa	aaagaaacgta	tctggaagtg	2100
ggtaatcgat	cgggcccaca	cgcccttctc	ctaaaacgaa	a		2141

<210> 4294

<211> 1456

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (29)...(993)

<223> similar to gil665761 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4294

cgacgcagtg tcgtggaatt cccactggg ccagtataag ctgacctttg acaaagccag 60

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agaggcctgt gccaacgaag ctgcgaccat ggcaacctac aaccagctct cctatgccca 120
gaaggccaag taccacctgt gctcagcagg ctggctggag accgggcggg ttgcctaccc 180
cacagccttc gcctcccaga actgtggctc tgggtgtggtt gggatagtgg actatggacc 240
tagacccaac aagagtgaag tgtgggatgt cttctgctat cggatgaaag atgtgaactg 300
cacctgcaag gtgggctatg tgggagatgg cttctcatgc agtgggaacc tgctgcaggt 360
cctgatgtcc ttcccctcac tcacaaactt cctgacggaa gtgctggcct attccaacag 420
ctcagctcga ggccgtgcat ttctagaaca cctgactgac ctgtccatcc gcggcaccct 480
ctttgtgcca cagaacagtg ggctggggga gaatgagacc ttgtctgggc gggacatcga 540
gcaccacctc gccaatgtca gcatgttttt ctacaatgac cttgtcaatg gcaccaccct 600
gcaaacgagg ctgggaagca agctgctcat cactgccagc caggacccac tccaaccgac 660
ggagaccagg tttgttgatg gaagagccat tctgcagtgg gacatctttg cctccaatgg 720
gatcattcat gtcatttcca ggccctttaa agcaccacct gccccgtga ccttgacca 780
cactggcctt ggagcaggga tcttctttgc catcatcctg gtgactgggg ctgttgccct 840
ggctgcttac tcctactttc ggataaacgg gagaacaatc ggcttcagc attttgagtc 900
ggaagaggac attaatgttg cagctcttgg caagcagcag cctgagaata tctcgaacct 960
cttgtatgag agcacaacct cagctcccc agaaccttcc tacgacctct tcacggactc 1020
tgaagaacgg cagcttgagg gcaatgacct cttgaggaca ctgtgagggc ctggacggga 1080
gatgccagcc atcactcact gccacctggg ccatcaactg tgaattctca gcaccagttg 1140
ccttttagga acgtaaagtc ctttaagcac tcagaagcca tacctcatct ctctggctga 1200
tctgggggtt gtttctgtgg gtgagagatg tgttgctgtg cccaccagc acagcttctc 1260
cctctgaccc tttggctctt cttcctttgt actcttcagc tggcacctgc tccattctgc 1320
cctacatgat gggtaactgt gatctttctt ccctgttaga ttgtaagcct cgtctttgt 1380
atcccagccc ctagccagc gctgacaca ggaactgtgc acaataaagg tttatggaac 1440
agaaacaaaa aaaaaa 1456

```

<210> 4295

<211> 1600

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (11)...(1200)

<223> similar to gil504042 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4295

```

ggcacgaggt ttgaaccatg agtggacatt tgaaaaactc aggcagcaca tttcacgcaa 60
cgcccaggac aagcaggagt tgcactctgt catgctgtcg ggggtgcccg atgctgtctt 120
tgacctcaca gacctggatg tgctaaagct tgaactaatt ccagaagcta aaattcctgc 180
taagattttct caaatgacta acctccaaga gctccacctc tgccactgcc ctgcaaaagt 240
tgaacagact gcttttagct ttcttcgcga tcacttgaga tgccttcacg tgaagttcac 300
tgatgtggct gaaattcctg cctgggtgta tttgctcaaa aaccttcgag agttgtactt 360
aataggcaat ttgaactctg aaaacaataa gatgatagga cttgaatctc tccgagagtt 420
gcggcacctt aagattctcc acgtgaagag caatttgacc aaagttccct ccaacattac 480
agatgtggct ccacatctta caaagttagt cattcataat gacggcacta aactcttggt 540
actgaacagc cttaagaaaa tgatgaatgt cgctgagctg gaactccaga actgtgagct 600
agagagaatc ccacatgcta ttttcagcct ctctaattta caggaactgg atttaaagtc 660
caataacatt cgcacaattg aggaaatcat cagtttccag catttaaaac gactgacttg 720
tttaaaatta tggcataaca aaattgttac tattcctccc tctattaccc atgtcaaaaa 780

```

```

cttggagtca ctttatttct ctaacaacaa gctcgaatcc ttaccagtgg cagtatttag      840
tttacagaaa ctcagatgct tagatgtgag ctacaacaac atttcaatga ttccaataga      900
aataggattg cttcagaacc tgcagcattt gcatatcact gggaacaaag tggacattct      960
gccaaaacaa ttgtttaaat gcataaagtt gaggactttg aatctgggac agaactgcat     1020
cacctcactc ccagagaaaag ttggtcagct ctcccagctc actcagctgg agctgaaggg     1080
gaactgcttg gaccgcctgc cagcccagct gggccagtgt cggatgctca agaaaagcgg     1140
gcttggtgtg gaagatcacc tttttgatac cctgccactc gaagtcaaag aggcattgaa     1200
tcaagacata aatattccct ttgcaaatgg gatttaaact aagataatat atgcacagtg     1260
atgtgcagga acaacttcct agattgcaag tgctcacgta caagttatta caagataatg     1320
catttttagg gtagatacat cttttaaaat aaaacagaga ggatgcatag aaggctgata     1380
gaagacataa ctgaatgttc aatgtttgta gggttttaag tcattcattt ccaaatcatt     1440
tttttttttc ttttggggaa agggaaggaa aaattataat cactaatctt gggtcttttt     1500
aaattgtttg taacttggat gctgccgcta ctgaatgtta acaaattgct tgccgtgctaa     1560
agtaaattgat taaattgaca ttttattact aaaaaaaaaa                    1600

```

```

<210> 4296
<211> 1351
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1352)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1310)...(316)
<223> similar to gi4929575 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 4296
agagttaatt atgtctttga taaaagactc aaatccagaa ctgggggttga gaaaaaaaaa      60
tcaagactgt ttcatagggt ataaaaagac agatgcaacc atacatttaa tttttaaaaa     120
tggaatgtat cttacataag gatttttgtga aaaatcttat acctatctga gtattacaga     180
agatgcatat accttcaga gctcatggag gaaagagtgt ataaacaatt ttgataagga     240
gttgaaaaac aatttgaaaa tagtttacaa agagagaatc aggaggcaga aaaagcttca     300
agaggcatgg tcttcagaaa ttgttctgga atgctgtttc acttgatcgc atgtcatgtt     360
cctggttcaa tttcttgaac tccaccactt ggaagaagac gtgctcaagg atatgtttgg     420
catcctgttg gtcctttggg agtttactgg ttactccaag aatatcacca cacttcctga     480
cataaaattc caggtcttct tcagttacat tattggtaat ctgagccagc cgtgccttct     540
cagaggagaa cgtttcatct aaatcaaata gctccagagg aggaggtggt aactcccgga     600
aactgggagg aaaaaccgca ggctgaaggg ttggcagcgg cgtctcaaac tgaggctgga     660
tgagctggag tggttcatgt ttcacattta gctgctcgtg agcctcgatg acgctgtgga     720
aggaggtggt atccagctgg aagatggaca ggtcgaagag ggtggtaaag tcccttgggg     780
tctcatcact ctcttgaga cactctcgat tccgctttga taggggtggc gtgtagggca     840
gcatcatgta gtcagaaatc tctgggtcct cagcatcaat ctgggtttagg tggatgtctc     900
ctgtcgtgag cacttgaaa acaacatcca tgattttgct gttttcttct ttgtccaaat     960
attgatcact gaacatgtga catgaaccaa gcactgccag cttcccacct tgggtctttg    1020
agtgatagaa agccaaaatg ggtctgttaa gtgggaagca gacagaacct gtagacagaa    1080

```

ccgccactgc	tggtttcatg	acactcaatg	tggcaccaaa	aggatacaca	aaggtgagag	1140
cctgggcatt	gtttccactg	ctttcctcat	caatgatccc	aggcacagcc	tttcctgcag	1200
ctcggcta	ttccctgttc	aagactccac	tggaactag	agcttcttta	ggatggaaat	1260
atttgtgata	tacatttcta	accacagcat	cattattaac	catgattccc	ctcgtgccaa	1320
gcttggcgta	ngcaggtcca	tcaagtttca	t			1351

<210> 4297

<211> 1244

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (80)...(319)

<223> similar to gi3452572 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4297

ggcacgagtg	catctttatc	atgagtaaag	cttagaaata	atcagggtact	ttaacttgta	60
ctggttcttt	catggaaaag	gaccaaactc	ttacccagga	tctactggag	cagctgttgg	120
agcccatgac	gcctgtcggg	atgcaaaaga	gaagcgctct	aaaagccaag	atgcagattc	180
acctggaagt	tctggggccc	ctgaaaactt	gacattcaag	gaacgccagc	gtcttttttc	240
acaaggtcaa	gatgtatcca	ataaagtga	agcttctcgt	aaattaacag	aactggagaa	300
tgaactgaac	acaaagtga	agaaaatgag	gagaacactt	tgtatttacc	ccaaaatctt	360
ttcagttgtg	ggttttagg	tgcgagtttg	aagaggaaaa	gaggaagggg	gttatatttc	420
taagtgattt	acaatttctg	tttctaaaat	tgttgggatt	tagaaatggt	tcaattccaa	480
gaaattttat	tttactttac	catgagattg	ccatttatgt	aatttaaaca	ctgtctagtt	540
tcttaattat	ctaactcaca	cgagggtaa	ttttttgttg	gtttcttttt	tggagtccctg	600
agttcaaagg	ggacagaact	aagggcagga	gaagagaatg	gatgtgtctt	ctctcccatc	660
ttcccctcat	catcgaccga	ggagcacaaa	gaagtctctg	ttctgttttt	ttcagaaact	720
ttatttttagc	tgtcaagcag	agaatagctt	gaactattca	gactattggt	ggcactgttt	780
agtagtgacc	acacgctctt	ctacccggga	aggaacatat	gacgacatgc	tcctcccatg	840
tcccctgatg	gtgtctgttc	ccacaatatc	cttctagtct	gcatcgtgaa	gtggcttagg	900
ccaaagcttc	ctgtgtgatg	acgcacgtcc	gagactgttc	catctcattc	ctcgcaaatt	960
tgagctcttc	tgatcaattc	taaatatttg	attaatttta	attctgaaag	aaaattttga	1020
ggattttaagc	ttaggggatt	ttatttttat	aaataaccaga	ttattgtag	acttaataaa	1080
tactgttaa	atttaaagat	gacagttacc	ttggaaagtt	cactaataact	tcggctccag	1140
ggcgtctgtt	aaaggaggat	atctttattg	ggagccaatg	tttcatgtgg	actggggaat	1200
tgaccagaag	aatgggagat	gagtagggac	ccctgttacc	attc		1244

<210> 4298

<211> 2448

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1783)
 <223> similar to gi5262557 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4298

gagactgaca	atgatttgac	aaaggaaatg	tatgaaggaa	aagagaatgt	atcatttgaa	60
cttcaaagag	acttttccca	ggaaacagac	ttttcagaag	cctctcttct	agagaaacaa	120
caggaagtcc	actcagcagg	aaatataaag	aaggagaaga	gcaacaccat	tgatggaaca	180
gtgaaagatg	agacaagccc	cgtggaggag	tgttttttta	gtcaaagttc	aaactcatat	240
cagtgtcata	ccatcactgg	agagcagccc	tctgggtgta	caggattggg	gaaatccatc	300
agctttgata	caaaactcgt	gaagcatgaa	ataattaatt	ctgaggaaag	acctttcaaa	360
tgtgaagaat	tagtagagcc	ctttagggtg	gactctcaac	ttattcaaca	tcaagagaac	420
aacactgagg	aaaagcctta	tcagtgttcg	gagtgtggca	aagctttcag	cattaatgag	480
aaattaattt	ggcatcagag	acttcacagt	ggggagaaac	ccttcaaattg	tgtggagtgt	540
gggaaaagct	tcagctacag	ttcccattat	atcacacatc	agacaatcca	cagtggggag	600
aagccctatc	agtgtgaagt	gtgtgggaag	gccttcagtg	ttaatggaag	cctaagtagg	660
catcagagaa	tccatacggg	agagaagccc	tatcagtgc	aggaatgtgg	aaatggcttc	720
agctgtagtt	ctgcatatat	tacacatcag	agagtccaca	ctggagagaa	accttacgag	780
tgtaatgact	gtgggaaagc	gttcaatggt	aatgcaaaat	taattcaaca	tcagagaatc	840
catactggag	agaaacctta	tgaatgtaat	gaatgtggaa	aaggcttttag	gtgcagctcc	900
cagcttaggc	agcatcagag	catccacaca	ggagaaaagc	cctatcagtg	taaagagtgt	960
ggaaaaggct	tcaataataa	tacaaaactc	attcagcatc	agagaatcca	cacaggtgag	1020
aaaccctatg	aatgcaactga	atgtggaaaa	gccttcagtg	tcaaagggaa	gttaatccaa	1080
caccagagaa	ttcacacagg	cgagaaaccc	tatgagtgt	atgaatgcgg	gaaagccttc	1140
agatgtaact	cccaatttcg	gcagcatctg	agaattcaca	ctggggagaa	gccctatgag	1200
tgtaatgagt	gtggaaaggg	cttcagcggt	aatgggaaac	taatgcggca	tcagagaatt	1260
cacactgggg	agaaaacctt	tgaatgtaat	gagtgtggga	gatgctttac	ttctaaaaga	1320
aacctacttg	atcatcaccg	aatccatact	ggagaaaagc	cctatcaatg	taaggaatgt	1380
gggaaagcct	tcagtatcaa	tgccaaacta	actaggcatc	agaggataca	tactggggag	1440
aaacctttca	aatgtatgga	atgtgagaaa	gcattcagct	gtagttctaa	ctatattgtg	1500
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cacacttgga	agaaacccta	tatgtgtagt	gtgtgtggga	aagcattcag	gttttagcttc	1740
cagctcagtc	agcatcagag	tgtccatagt	gaaggaaaat	cctaataatg	agaaagatat	1800
agaaaactct	taaggTTaat	gccaaaatgg	atcaagtatc	atcagattca	tccattgaaa	1860
aacctccaag	agggcatgaa	tatggcagag	tcttcatatg	gaaacagttt	ttattctatt	1920
cagttttaa	caggaaagga	tgaccagtta	aagagaaaca	tccaaaaata	gctttgtttt	1980
gtaccaacag	gaattagaaa	atataatgaa	aagatttctg	tcccagcagc	atcaagaaaa	2040
gtagattttc	tagaaataaa	cagttatgga	ggacttgat	ggagaaattt	aagtcttcac	2100
tgaggggccac	tttacaagg	aaatttgaat	aaatggagag	agagagaagc	cttgtttgtg	2160
gataggaaaa	cccgtactaa	agatactcta	cctacattaa	tttatttgtt	taatttttga	2220
caacaagcat	gtattacttt	tgaaaagatg	aaaaataaag	ttttatttaa	aaaaggaaaa	2280
aggtatgagt	acatttttaa	ttttcatgta	attgagaaaa	ccttttctaag	tattagatga	2340
aagctagaaa	ctatccacag	ggtatgtact	gataaattga	ctactcaaaa	actaaatatt	2400
cctgtatgtt	tttgttttaa	agtttaaaag	ataaagcgca	aaatgggg		2448

<210> 4299

<211> 1822

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(1375)
 <223> similar to gi4529890 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4299
 ctgggcccct ggtgctggtg ctgatacctgg gagtgctggg cgtgctggca tacggcatct 60
 actactgctg ggaggagtac cgagtgtctgc gggacaaggg cgcctccatc tcccagctgg 120
 gtttcaccac caacctcagt gcctaccaga gcgtgcagga gacctggctg gccgccctga 180
 tcgtgttggc ggtgcttgaa gccatcctgc tgcgtgatgct catcttcctg cggcagcgga 240
 ttcgatttgc catcgccctc ctgaaggagg ccagcaaggc tgtgggacag atgatgtcta 300
 ccatgttcta cccactggtc acctttgtcc tcctcctcat ctgcattgcc tactgggcca 360
 tgactgtctc gtacctggct acatcggggc aaccccagta tgtgctctgg gcatccaaca 420
 tcagctcccc cggctgtgag aaagtgccaa taaatacatc atgcaacccc acggcccacc 480
 ttgtgaactc ctctgtgcca gggctgatgt gcgtcttcca gggctactca tccaaaggcc 540
 taatccaacg ttctgtcttc aatctgcaaa tctatggggc cctggggctc ttctggacct 600
 ttaactgggt actggccctg ggccaatgcg tcctcgtctg agcctttgcc tccttctact 660
 gggccttcca caagccccag gacatcccta ccttccccct aatctctgcc ttcattccgca 720
 cactccgtta ccacactggg tcattggcat ttggagccct catcctgacc cttgtgcaga 780
 tagcccggt catcttgag tatattgacc acaagctcag aggagtgcag aacctgttag 840
 cccgtgcat catgtgctgt ttcaagtgt gcctctggtg tctggaaaaa tttatcaagt 900
 tcctaaaccg caatgcatac atcatgatcg ccatctacgg gaagaatttc tgtgtctcag 960
 ccaaaaatgc gttcatgcta ctcatgcgaa acattgtcag ggtggtcgtc ctggacaaag 1020
 tcacagacct gctgctgttc tttgggaagc tgctggtggt cggaggcgtg ggggtcctgt 1080
 ccttcttttt tttctccggt cgcatacccg ggctgggtaa agactttaag agccccacc 1140
 tcaactatta ctggctgccc atcatgacct ccatcctggg ggcctatgtc atcgccagcg 1200
 gcttcttcag cgttttcggc atgtgtgtgg acacgctctt cctctgcttc ctggaagacc 1260
 tggagcggaa caacggctcc ctggaccggc cctactacat gtccaagagc cttctaaaga 1320
 ttctgggcaa gaagaacgag gcgcccccg acaacaagaa gaggaagaag tgacagctcc 1380
 ggccctgatc caggactgca ccccccccc accgtccagc catccaacct cacttcgcct 1440
 tacaggtctc cattttgtgg taaaaaaagg ttttaggcca ggcgccgtgg ctcaagcctg 1500
 taatccaaca ctttgagagg ctgaggcggg cggatcacct gagtcaggag ttcgagacca 1560
 gcctggccaa catggtgaaa cctccgtctc tattaataat acaaaaatta gccgagagtg 1620
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 ccgggaggca gaggttgtag tgagccgaga tcgcgccact gactccaac ctgggtgaca 1740
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 actcaggtaa acaaaaaaaaa ac 1822

<210> 4300
 <211> 1883
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1361)...(675)

<223> similar to gi3043548 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4300

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cgtggatgct	ggtaatttga	tgttctcccg	tccacaggca	gggcagctgg	aagttgatcc	360
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<210> 4301

<211> 1901

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1639)...(26)

<223> similar to gi4426607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4301

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cactctgagc actgaggtat gctttccatg gccgagaccc agccctactc attgcgatgg    240
tctggatggt cactacttga agagccatct ggaggggtgc aggatggaat tctccccgcc    300
aaggcaacac ttgctgatga gcaactttaa ggctaagcca agtttttctca aaataatcag    360
cagtaagctg gcgattgggg actagcatga gggctccaga atcagggagt tcttgtagcc    420
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ttaaaattcc aagatgagtt gttaatacaa atgcacactc ctctaagacc aaagacatga    1860
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```

<210> 4302

<211> 2458

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2182)...(1728)

<223> similar to gi289610 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4302

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ttattttggg taatattata atttatgttt tttagacttc ccttagaaat ttttttaaaa    180

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tatacatatg	gcaccccttga	actcccttaa	actctttttat	ttgtataaat	ttatagggtta	240
ccagtacaat	tttattttcat	gcataaattg	tgtagatgaa	cccaagttct	atgtaaattc	300
tgtgtatgta	gattttttctg	gggagagggg	ctagttttctt	catgacccat	aaaaatttaa	360
taaatactat	cttaggggtat	aaagattatg	aattaaaagt	ttaccaattg	ttatgtttata	420
agcaagggtta	agggtcagtg	ggtacagaac	tttcaagaca	gaataggatc	atctgttttta	480
aatttttttac	agaaaaattgc	cacctttaat	aatgtaaaaa	cagtgattaa	tcaggaatga	540
taaagcaaga	aattccttagg	aaagctacaa	aatgatagaa	tgtatccagg	gaagtatttt	600
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<210> 4303

<211> 3555

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1648)

<223> similar to gi5777948 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 4304

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(480)

<223> similar to gi5453263 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4304

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aacatgcctc	aagtgcattc	aaagaatctc	aacagcaaag	tgaagataga	gagtatgaag	180
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caggtctttg	atcaaagttc	agtgagccac	ttcaagtaga	gagatgcagg	agaaacctag	660
tagcttttaa	agcagacaag	ttttctgggc	tcttggaata	tcttatcaaa	agtcaagagg	720
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<210> 4305

<211> 1517

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (154)...(513)

<223> similar to gi4914615 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4305

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aaacagtga atacaggcct ggctttcaga cttgatgata caccctctga agactccatt   180
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aagatatgat catgctgtac aacagggtag aaaatgataa aaatagacta ttgactgacc   840
cagctaagaa tcgtgggctg agcagagtta aaccatggga caaaccata acatgttcac   900
catagtttca cgtatgtgta tttttaaatt tcatgccttt aatatttcaa atatgctcaa   960
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tcacagtaaa catctctgcc tttgcctgtg tgtgttctgg gggagggggg acatggaaaa  1260
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gtaaatcag aattgaaaca atttctcctt gttctaccta tcaccacatt ttctcaaatt  1440
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aaaactgaaa aaaaaaaa

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<210> 4306
<211> 1339
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1340)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1339)...(878)
<223> similar to gil651201 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gtggctttga aggctccagc cagtcaagac ggtcaatatt agcccttctg ccaacatctg   180
gcaatgtgag gctgggggtg acgttggcct gatgttgcca ggagtaggat gctgatgctg   240
ccagagagta ggtggggtcc aaacccagc cttctcactt gcttactaag cacagcagtc   300
tgaagcttgg gacctgggca gtgcgtcttt ggagaaggca aaaaagccac agcagcaaca   360

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caggtgaagc	aatgtgggtc	tcagcaagga	acccctctga	aggtggcagt	ggctcccagg	540
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gctgtgaagg	gagtagaggt	tggcagtcct	tccatggttg	tgaaacgtaa	agacagcaac	1260
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<210> 4307
 <211> 6050
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(5531)
 <223> similar to gil504002 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4307	
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cacaagaagt	gacaacgaca
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tcacgtccaa	aattgactat
aagacgaaaa	tatcttgga
aggaagcaac	tgataaaatc
attatgcaat	gtattcccgg
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gcccctttggg	gtggcagttt
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<210> 4308

<211> 1429

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(1080)

<223> similar to gi5817053 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4308

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aatggactgt attgaggatc tgttgatgga gaaaaatggt gatcactata ccaatggggt 720
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